

# 1. Effective (Isotropic) Radiated Power Output Data

## 1.1 Test Result

### 1.1.1 B66\_1.4MHz\_EIRP

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                     |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | 23.03                 | -0.50      | 22.53      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.00                 | -0.50      | 22.50      | <=30  | Pass    |
|                                     |                 |               | 5      | 23.03                 | -0.50      | 22.53      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 23.09                 | -0.50      | 22.59      | <=30  | Pass    |
|                                     |                 |               | 2      | 23.09                 | -0.50      | 22.59      | <=30  | Pass    |
|                                     |                 |               | 3      | 23.09                 | -0.50      | 22.59      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 22.13                 | -0.50      | 21.63      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 22.92                 | -0.50      | 22.42      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.92                 | -0.50      | 22.42      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.95                 | -0.50      | 22.45      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.93                 | -0.50      | 22.43      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.96                 | -0.50      | 22.46      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.93                 | -0.50      | 22.43      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.95                 | -0.50      | 21.45      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 22.60                 | -0.50      | 22.10      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.61                 | -0.50      | 22.11      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.68                 | -0.50      | 22.18      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.66                 | -0.50      | 22.16      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.66                 | -0.50      | 22.16      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.69                 | -0.50      | 22.19      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.61                 | -0.50      | 21.11      | <=30  | Pass    |
| 16QAM                               | 1710.7          | 1             | 0      | 22.11                 | -0.50      | 21.61      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.08                 | -0.50      | 21.58      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.10                 | -0.50      | 21.60      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 22.28                 | -0.50      | 21.78      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.32                 | -0.50      | 21.82      | <=30  | Pass    |
|                                     |                 |               | 3      | 22.32                 | -0.50      | 21.82      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 21.12                 | -0.50      | 20.62      | <=30  | Pass    |
|                                     | 1745            | 1             | 0      | 22.13                 | -0.50      | 21.63      | <=30  | Pass    |
|                                     |                 |               | 2      | 22.12                 | -0.50      | 21.62      | <=30  | Pass    |
|                                     |                 |               | 5      | 22.14                 | -0.50      | 21.64      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.96                 | -0.50      | 21.46      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.96                 | -0.50      | 21.46      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.97                 | -0.50      | 21.47      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.97                 | -0.50      | 20.47      | <=30  | Pass    |
|                                     | 1779.3          | 1             | 0      | 21.64                 | -0.50      | 21.14      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.64                 | -0.50      | 21.14      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.73                 | -0.50      | 21.23      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.69                 | -0.50      | 21.19      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.68                 | -0.50      | 21.18      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.72                 | -0.50      | 21.22      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.53                 | -0.50      | 20.03      | <=30  | Pass    |
| 64QAM                               | 1710.7          | 1             | 0      | 21.52                 | -0.50      | 21.02      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.59                 | -0.50      | 21.09      | <=30  | Pass    |
|                                     |                 |               | 5      | 21.50                 | -0.50      | 21.00      | <=30  | Pass    |
|                                     |                 | 3             | 0      | 21.39                 | -0.50      | 20.89      | <=30  | Pass    |
|                                     |                 |               | 2      | 21.38                 | -0.50      | 20.88      | <=30  | Pass    |
|                                     |                 |               | 3      | 21.40                 | -0.50      | 20.90      | <=30  | Pass    |
|                                     |                 | 6             | 0      | 20.13                 | -0.50      | 19.63      | <=30  | Pass    |

|        |        |   |   |       |       |       |      |      |
|--------|--------|---|---|-------|-------|-------|------|------|
|        | 1745   | 1 | 0 | 21.15 | -0.50 | 20.65 | <=30 | Pass |
|        |        |   | 2 | 21.11 | -0.50 | 20.61 | <=30 | Pass |
|        |        |   | 5 | 21.12 | -0.50 | 20.62 | <=30 | Pass |
|        |        | 3 | 0 | 20.96 | -0.50 | 20.46 | <=30 | Pass |
|        |        |   | 2 | 20.99 | -0.50 | 20.49 | <=30 | Pass |
|        |        |   | 3 | 21.00 | -0.50 | 20.50 | <=30 | Pass |
|        |        | 6 | 0 | 20.21 | -0.50 | 19.71 | <=30 | Pass |
|        | 1779.3 | 1 | 0 | 20.82 | -0.50 | 20.32 | <=30 | Pass |
|        |        |   | 2 | 20.81 | -0.50 | 20.31 | <=30 | Pass |
|        |        |   | 5 | 20.91 | -0.50 | 20.41 | <=30 | Pass |
|        |        | 3 | 0 | 20.56 | -0.50 | 20.06 | <=30 | Pass |
|        |        |   | 2 | 20.53 | -0.50 | 20.03 | <=30 | Pass |
|        |        |   | 3 | 20.58 | -0.50 | 20.08 | <=30 | Pass |
|        |        | 6 | 0 | 19.71 | -0.50 | 19.21 | <=30 | Pass |
| 256QAM | 1710.7 | 1 | 0 | 18.43 | -0.50 | 17.93 | <=30 | Pass |
|        |        |   | 2 | 18.47 | -0.50 | 17.97 | <=30 | Pass |
|        |        |   | 5 | 18.43 | -0.50 | 17.93 | <=30 | Pass |
|        |        | 3 | 0 | 18.15 | -0.50 | 17.65 | <=30 | Pass |
|        |        |   | 2 | 18.16 | -0.50 | 17.66 | <=30 | Pass |
|        |        |   | 3 | 18.14 | -0.50 | 17.64 | <=30 | Pass |
|        |        | 6 | 0 | 18.13 | -0.50 | 17.63 | <=30 | Pass |
|        | 1745   | 1 | 0 | 17.89 | -0.50 | 17.39 | <=30 | Pass |
|        |        |   | 2 | 17.84 | -0.50 | 17.34 | <=30 | Pass |
|        |        |   | 5 | 17.89 | -0.50 | 17.39 | <=30 | Pass |
|        |        | 3 | 0 | 17.86 | -0.50 | 17.36 | <=30 | Pass |
|        |        |   | 2 | 17.87 | -0.50 | 17.37 | <=30 | Pass |
|        |        |   | 3 | 17.87 | -0.50 | 17.37 | <=30 | Pass |
|        |        | 6 | 0 | 18.07 | -0.50 | 17.57 | <=30 | Pass |
|        | 1779.3 | 1 | 0 | 17.87 | -0.50 | 17.37 | <=30 | Pass |
|        |        |   | 2 | 17.89 | -0.50 | 17.39 | <=30 | Pass |
|        |        |   | 5 | 17.92 | -0.50 | 17.42 | <=30 | Pass |
|        |        | 3 | 0 | 17.81 | -0.50 | 17.31 | <=30 | Pass |
|        |        |   | 2 | 17.78 | -0.50 | 17.28 | <=30 | Pass |
|        |        |   | 3 | 17.81 | -0.50 | 17.31 | <=30 | Pass |
|        |        | 6 | 0 | 17.83 | -0.50 | 17.33 | <=30 | Pass |

Note1: EIRP=Conducted Power+Antenna Gain

### 1.1.2 B66\_3MHz\_EIRP

| Band: 66 / Bandwidth: 3MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1711.5          | 1             | 0      | 23.12                 | -0.50      | 22.62      | <=30  | Pass    |
|                                   |                 |               | 7      | 23.10                 | -0.50      | 22.60      | <=30  | Pass    |
|                                   |                 |               | 14     | 23.07                 | -0.50      | 22.57      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 22.10                 | -0.50      | 21.60      | <=30  | Pass    |
|                                   |                 |               | 4      | 22.08                 | -0.50      | 21.58      | <=30  | Pass    |
|                                   |                 |               | 7      | 22.11                 | -0.50      | 21.61      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 22.08                 | -0.50      | 21.58      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.90                 | -0.50      | 22.40      | <=30  | Pass    |
|                                   |                 |               | 7      | 22.91                 | -0.50      | 22.41      | <=30  | Pass    |
|                                   |                 |               | 14     | 22.84                 | -0.50      | 22.34      | <=30  | Pass    |
|                                   |                 | 8             | 0      | 21.95                 | -0.50      | 21.45      | <=30  | Pass    |
|                                   |                 |               | 4      | 21.90                 | -0.50      | 21.40      | <=30  | Pass    |
|                                   |                 |               | 7      | 21.90                 | -0.50      | 21.40      | <=30  | Pass    |
|                                   |                 | 15            | 0      | 21.92                 | -0.50      | 21.42      | <=30  | Pass    |
|                                   | 1778.5          | 1             | 0      | 22.57                 | -0.50      | 22.07      | <=30  | Pass    |

|        |        |        |    |       |       |       |      |      |
|--------|--------|--------|----|-------|-------|-------|------|------|
|        |        | 8      | 7  | 22.59 | -0.50 | 22.09 | <=30 | Pass |
|        |        |        | 14 | 22.64 | -0.50 | 22.14 | <=30 | Pass |
|        |        |        | 0  | 21.59 | -0.50 | 21.09 | <=30 | Pass |
|        |        |        | 4  | 21.58 | -0.50 | 21.08 | <=30 | Pass |
|        |        |        | 7  | 21.60 | -0.50 | 21.10 | <=30 | Pass |
| 16QAM  | 1711.5 | 1      | 0  | 21.61 | -0.50 | 21.11 | <=30 | Pass |
|        |        |        | 0  | 22.65 | -0.50 | 22.15 | <=30 | Pass |
|        |        |        | 7  | 22.67 | -0.50 | 22.17 | <=30 | Pass |
|        |        | 8      | 14 | 22.61 | -0.50 | 22.11 | <=30 | Pass |
|        |        |        | 0  | 21.29 | -0.50 | 20.79 | <=30 | Pass |
|        |        |        | 4  | 21.24 | -0.50 | 20.74 | <=30 | Pass |
|        |        |        | 7  | 21.25 | -0.50 | 20.75 | <=30 | Pass |
|        |        | 15     | 0  | 21.16 | -0.50 | 20.66 | <=30 | Pass |
|        |        |        | 0  | 22.12 | -0.50 | 21.62 | <=30 | Pass |
|        | 1745   | 1      | 7  | 22.14 | -0.50 | 21.64 | <=30 | Pass |
|        |        |        | 14 | 22.02 | -0.50 | 21.52 | <=30 | Pass |
|        |        |        | 0  | 20.93 | -0.50 | 20.43 | <=30 | Pass |
|        |        | 8      | 4  | 20.88 | -0.50 | 20.38 | <=30 | Pass |
|        |        |        | 7  | 20.88 | -0.50 | 20.38 | <=30 | Pass |
|        |        |        | 0  | 20.87 | -0.50 | 20.37 | <=30 | Pass |
|        |        | 1778.5 | 0  | 21.64 | -0.50 | 21.14 | <=30 | Pass |
|        |        |        | 7  | 21.67 | -0.50 | 21.17 | <=30 | Pass |
|        |        |        | 14 | 21.66 | -0.50 | 21.16 | <=30 | Pass |
| 64QAM  | 1711.5 | 1      | 0  | 20.68 | -0.50 | 20.18 | <=30 | Pass |
|        |        |        | 4  | 20.67 | -0.50 | 20.17 | <=30 | Pass |
|        |        |        | 7  | 20.66 | -0.50 | 20.16 | <=30 | Pass |
|        |        | 8      | 0  | 20.63 | -0.50 | 20.13 | <=30 | Pass |
|        |        |        | 0  | 21.36 | -0.50 | 20.86 | <=30 | Pass |
|        |        |        | 7  | 21.39 | -0.50 | 20.89 | <=30 | Pass |
|        |        | 14     | 14 | 21.36 | -0.50 | 20.86 | <=30 | Pass |
|        |        |        | 0  | 20.21 | -0.50 | 19.71 | <=30 | Pass |
|        |        |        | 4  | 20.16 | -0.50 | 19.66 | <=30 | Pass |
|        | 1745   | 8      | 7  | 20.19 | -0.50 | 19.69 | <=30 | Pass |
|        |        |        | 0  | 20.06 | -0.50 | 19.56 | <=30 | Pass |
|        |        |        | 0  | 21.06 | -0.50 | 20.56 | <=30 | Pass |
|        |        | 1      | 7  | 21.09 | -0.50 | 20.59 | <=30 | Pass |
|        |        |        | 14 | 21.03 | -0.50 | 20.53 | <=30 | Pass |
|        |        |        | 0  | 19.98 | -0.50 | 19.48 | <=30 | Pass |
|        |        | 8      | 4  | 19.93 | -0.50 | 19.43 | <=30 | Pass |
|        |        |        | 7  | 19.92 | -0.50 | 19.42 | <=30 | Pass |
|        |        |        | 0  | 19.93 | -0.50 | 19.43 | <=30 | Pass |
|        | 1778.5 | 1      | 0  | 20.80 | -0.50 | 20.30 | <=30 | Pass |
|        |        |        | 7  | 20.84 | -0.50 | 20.34 | <=30 | Pass |
|        |        |        | 14 | 20.81 | -0.50 | 20.31 | <=30 | Pass |
| 256QAM | 1711.5 | 8      | 0  | 19.50 | -0.50 | 19.00 | <=30 | Pass |
|        |        |        | 4  | 19.48 | -0.50 | 18.98 | <=30 | Pass |
|        |        |        | 7  | 19.52 | -0.50 | 19.02 | <=30 | Pass |
|        |        | 15     | 0  | 19.65 | -0.50 | 19.15 | <=30 | Pass |
|        |        |        | 0  | 18.55 | -0.50 | 18.05 | <=30 | Pass |
|        |        |        | 7  | 18.52 | -0.50 | 18.02 | <=30 | Pass |
|        |        | 14     | 14 | 18.55 | -0.50 | 18.05 | <=30 | Pass |
|        |        |        | 0  | 18.27 | -0.50 | 17.77 | <=30 | Pass |
|        |        |        | 4  | 18.24 | -0.50 | 17.74 | <=30 | Pass |
|        | 1745   | 7      | 7  | 18.22 | -0.50 | 17.72 | <=30 | Pass |
|        |        |        | 0  | 18.17 | -0.50 | 17.67 | <=30 | Pass |
|        |        |        | 0  | 17.88 | -0.50 | 17.38 | <=30 | Pass |
|        |        | 1      | 7  | 17.85 | -0.50 | 17.35 | <=30 | Pass |
|        |        |        | 14 | 17.83 | -0.50 | 17.33 | <=30 | Pass |
|        |        |        | 0  | 18.00 | -0.50 | 17.50 | <=30 | Pass |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        |    | 4  | 17.97 | -0.50 | 17.47 | <=30 | Pass |
|                                          |        |    | 7  | 17.95 | -0.50 | 17.45 | <=30 | Pass |
|                                          |        | 15 | 0  | 18.11 | -0.50 | 17.61 | <=30 | Pass |
|                                          | 1778.5 | 1  | 0  | 17.77 | -0.50 | 17.27 | <=30 | Pass |
|                                          |        |    | 7  | 17.82 | -0.50 | 17.32 | <=30 | Pass |
|                                          |        |    | 14 | 17.86 | -0.50 | 17.36 | <=30 | Pass |
|                                          |        | 8  | 0  | 17.85 | -0.50 | 17.35 | <=30 | Pass |
|                                          |        |    | 4  | 17.86 | -0.50 | 17.36 | <=30 | Pass |
|                                          |        |    | 7  | 17.87 | -0.50 | 17.37 | <=30 | Pass |
|                                          |        | 15 | 0  | 17.80 | -0.50 | 17.30 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |      |      |

### 1.1.3 B66\_5MHz\_EIRP

| Band: 66 / Bandwidth: 5MHz / NTNV |                 |               |        |                       |            |            |       |         |
|-----------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                   |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                              | 1712.5          | 1             | 0      | 23.22                 | -0.50      | 22.72      | <=30  | Pass    |
|                                   |                 |               | 13     | 23.20                 | -0.50      | 22.70      | <=30  | Pass    |
|                                   |                 |               | 24     | 23.16                 | -0.50      | 22.66      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 22.14                 | -0.50      | 21.64      | <=30  | Pass    |
|                                   |                 |               | 6      | 22.12                 | -0.50      | 21.62      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.10                 | -0.50      | 21.60      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 22.16                 | -0.50      | 21.66      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 23.00                 | -0.50      | 22.50      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.97                 | -0.50      | 22.47      | <=30  | Pass    |
|                                   |                 |               | 24     | 22.94                 | -0.50      | 22.44      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.99                 | -0.50      | 21.49      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.99                 | -0.50      | 21.49      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.92                 | -0.50      | 21.42      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.99                 | -0.50      | 21.49      | <=30  | Pass    |
|                                   | 1777.5          | 1             | 0      | 22.70                 | -0.50      | 22.20      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.69                 | -0.50      | 22.19      | <=30  | Pass    |
|                                   |                 |               | 24     | 22.72                 | -0.50      | 22.22      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.66                 | -0.50      | 21.16      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.63                 | -0.50      | 21.13      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.63                 | -0.50      | 21.13      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.69                 | -0.50      | 21.19      | <=30  | Pass    |
| 16QAM                             | 1712.5          | 1             | 0      | 22.01                 | -0.50      | 21.51      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.99                 | -0.50      | 21.49      | <=30  | Pass    |
|                                   |                 |               | 24     | 21.96                 | -0.50      | 21.46      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.16                 | -0.50      | 20.66      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.12                 | -0.50      | 20.62      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.14                 | -0.50      | 20.64      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 21.17                 | -0.50      | 20.67      | <=30  | Pass    |
|                                   | 1745            | 1             | 0      | 22.24                 | -0.50      | 21.74      | <=30  | Pass    |
|                                   |                 |               | 13     | 22.23                 | -0.50      | 21.73      | <=30  | Pass    |
|                                   |                 |               | 24     | 22.18                 | -0.50      | 21.68      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 21.04                 | -0.50      | 20.54      | <=30  | Pass    |
|                                   |                 |               | 6      | 21.04                 | -0.50      | 20.54      | <=30  | Pass    |
|                                   |                 |               | 13     | 20.98                 | -0.50      | 20.48      | <=30  | Pass    |
|                                   |                 | 25            | 0      | 20.96                 | -0.50      | 20.46      | <=30  | Pass    |
|                                   | 1777.5          | 1             | 0      | 21.72                 | -0.50      | 21.22      | <=30  | Pass    |
|                                   |                 |               | 13     | 21.71                 | -0.50      | 21.21      | <=30  | Pass    |
|                                   |                 |               | 24     | 21.80                 | -0.50      | 21.30      | <=30  | Pass    |
|                                   |                 | 12            | 0      | 20.67                 | -0.50      | 20.17      | <=30  | Pass    |
|                                   |                 |               | 6      | 20.65                 | -0.50      | 20.15      | <=30  | Pass    |

|                                          |        |        |        |       |       |       |       |       |      |      |
|------------------------------------------|--------|--------|--------|-------|-------|-------|-------|-------|------|------|
|                                          |        |        | 13     | 20.66 | -0.50 | 20.16 | <=30  | Pass  |      |      |
|                                          |        | 25     | 0      | 20.70 | -0.50 | 20.20 | <=30  | Pass  |      |      |
| 64QAM                                    | 1712.5 | 1      | 0      | 21.11 | -0.50 | 20.61 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 21.05 | -0.50 | 20.55 | <=30  | Pass  |      |      |
|                                          |        |        | 24     | 21.05 | -0.50 | 20.55 | <=30  | Pass  |      |      |
|                                          |        |        | 0      | 20.18 | -0.50 | 19.68 | <=30  | Pass  |      |      |
|                                          |        | 12     | 6      | 20.15 | -0.50 | 19.65 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 20.13 | -0.50 | 19.63 | <=30  | Pass  |      |      |
|                                          |        |        | 25     | 0     | 20.12 | -0.50 | 19.62 | <=30  | Pass |      |
|                                          |        | 1745   | 1      | 0     | 21.33 | -0.50 | 20.83 | <=30  | Pass |      |
|                                          |        |        |        | 13    | 21.34 | -0.50 | 20.84 | <=30  | Pass |      |
|                                          |        |        |        | 24    | 21.30 | -0.50 | 20.80 | <=30  | Pass |      |
|                                          | 0      |        |        | 19.95 | -0.50 | 19.45 | <=30  | Pass  |      |      |
|                                          | 12     |        | 6      | 19.95 | -0.50 | 19.45 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 19.87 | -0.50 | 19.37 | <=30  | Pass  |      |      |
|                                          | 25     |        | 0      | 19.93 | -0.50 | 19.43 | <=30  | Pass  |      |      |
|                                          | 1777.5 | 1      | 0      | 20.83 | -0.50 | 20.33 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 20.84 | -0.50 | 20.34 | <=30  | Pass  |      |      |
|                                          |        |        | 24     | 20.92 | -0.50 | 20.42 | <=30  | Pass  |      |      |
|                                          |        |        | 12     | 0     | 19.74 | -0.50 | 19.24 | <=30  | Pass |      |
|                                          |        |        |        | 6     | 19.72 | -0.50 | 19.22 | <=30  | Pass |      |
|                                          |        |        |        | 13    | 19.70 | -0.50 | 19.20 | <=30  | Pass |      |
|                                          |        | 25     | 0      | 19.69 | -0.50 | 19.19 | <=30  | Pass  |      |      |
|                                          |        | 256QAM | 1712.5 | 1     | 0     | 17.95 | -0.50 | 17.45 | <=30 | Pass |
|                                          |        |        |        |       | 13    | 17.92 | -0.50 | 17.42 | <=30 | Pass |
| 24                                       | 17.87  |        |        |       | -0.50 | 17.37 | <=30  | Pass  |      |      |
| 12                                       | 0      |        |        | 18.27 | -0.50 | 17.77 | <=30  | Pass  |      |      |
|                                          | 6      |        |        | 18.20 | -0.50 | 17.70 | <=30  | Pass  |      |      |
|                                          | 13     |        |        | 18.21 | -0.50 | 17.71 | <=30  | Pass  |      |      |
| 25                                       | 0      |        |        | 18.25 | -0.50 | 17.75 | <=30  | Pass  |      |      |
| 1745                                     | 1      |        | 0      | 18.27 | -0.50 | 17.77 | <=30  | Pass  |      |      |
|                                          |        |        | 13     | 18.28 | -0.50 | 17.78 | <=30  | Pass  |      |      |
|                                          |        |        | 24     | 18.26 | -0.50 | 17.76 | <=30  | Pass  |      |      |
|                                          | 12     |        | 0      | 18.15 | -0.50 | 17.65 | <=30  | Pass  |      |      |
|                                          |        |        | 6      | 18.11 | -0.50 | 17.61 | <=30  | Pass  |      |      |
|                                          |        | 13     | 18.12  | -0.50 | 17.62 | <=30  | Pass  |       |      |      |
| 25                                       | 0      | 18.08  | -0.50  | 17.58 | <=30  | Pass  |       |       |      |      |
| 1777.5                                   | 1      | 0      | 17.80  | -0.50 | 17.30 | <=30  | Pass  |       |      |      |
|                                          |        | 13     | 17.82  | -0.50 | 17.32 | <=30  | Pass  |       |      |      |
|                                          |        | 24     | 17.90  | -0.50 | 17.40 | <=30  | Pass  |       |      |      |
|                                          | 12     | 0      | 17.81  | -0.50 | 17.31 | <=30  | Pass  |       |      |      |
|                                          |        | 6      | 17.80  | -0.50 | 17.30 | <=30  | Pass  |       |      |      |
|                                          |        | 13     | 17.84  | -0.50 | 17.34 | <=30  | Pass  |       |      |      |
|                                          | 25     | 0      | 17.83  | -0.50 | 17.33 | <=30  | Pass  |       |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |        |        |        |       |       |       |       |       |      |      |

#### 1.1.4 B66\_10MHz\_EIRP

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1715            | 1             | 0      | 23.17                 | -0.50      | 22.67      | <=30  | Pass    |
|                                    |                 |               | 25     | 23.07                 | -0.50      | 22.57      | <=30  | Pass    |
|                                    |                 |               | 49     | 23.05                 | -0.50      | 22.55      | <=30  | Pass    |
|                                    |                 | 25            | 0      | 22.15                 | -0.50      | 21.65      | <=30  | Pass    |
|                                    |                 |               | 13     | 22.08                 | -0.50      | 21.58      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.10                 | -0.50      | 21.60      | <=30  | Pass    |

|        |       |      |       |       |       |       |       |      |      |
|--------|-------|------|-------|-------|-------|-------|-------|------|------|
|        |       | 50   | 0     | 22.11 | -0.50 | 21.61 | <=30  | Pass |      |
|        | 1745  | 1    | 0     | 22.99 | -0.50 | 22.49 | <=30  | Pass |      |
|        |       |      | 25    | 22.94 | -0.50 | 22.44 | <=30  | Pass |      |
|        |       |      | 49    | 22.89 | -0.50 | 22.39 | <=30  | Pass |      |
|        |       |      | 0     | 22.02 | -0.50 | 21.52 | <=30  | Pass |      |
|        |       | 25   | 13    | 21.96 | -0.50 | 21.46 | <=30  | Pass |      |
|        |       |      | 25    | 21.95 | -0.50 | 21.45 | <=30  | Pass |      |
|        | 50    | 0    | 22.00 | -0.50 | 21.50 | <=30  | Pass  |      |      |
|        | 1775  | 1    | 0     | 22.67 | -0.50 | 22.17 | <=30  | Pass |      |
|        |       |      | 25    | 22.59 | -0.50 | 22.09 | <=30  | Pass |      |
|        |       |      | 49    | 22.69 | -0.50 | 22.19 | <=30  | Pass |      |
|        |       | 25   | 0     | 21.70 | -0.50 | 21.20 | <=30  | Pass |      |
|        |       |      | 13    | 21.66 | -0.50 | 21.16 | <=30  | Pass |      |
|        |       |      | 25    | 21.64 | -0.50 | 21.14 | <=30  | Pass |      |
|        |       | 50   | 0     | 21.67 | -0.50 | 21.17 | <=30  | Pass |      |
|        |       |      |       |       |       |       |       |      |      |
| 16QAM  | 1715  | 1    | 0     | 22.72 | -0.50 | 22.22 | <=30  | Pass |      |
|        |       |      | 25    | 22.63 | -0.50 | 22.13 | <=30  | Pass |      |
|        |       |      | 49    | 22.61 | -0.50 | 22.11 | <=30  | Pass |      |
|        |       | 25   | 0     | 21.19 | -0.50 | 20.69 | <=30  | Pass |      |
|        |       |      | 13    | 21.13 | -0.50 | 20.63 | <=30  | Pass |      |
|        |       |      | 25    | 21.14 | -0.50 | 20.64 | <=30  | Pass |      |
|        |       | 50   | 0     | 21.13 | -0.50 | 20.63 | <=30  | Pass |      |
|        | 1745  | 1    | 0     | 22.24 | -0.50 | 21.74 | <=30  | Pass |      |
|        |       |      | 25    | 22.16 | -0.50 | 21.66 | <=30  | Pass |      |
|        |       |      | 49    | 22.07 | -0.50 | 21.57 | <=30  | Pass |      |
|        |       | 25   | 0     | 21.03 | -0.50 | 20.53 | <=30  | Pass |      |
|        |       |      | 13    | 20.97 | -0.50 | 20.47 | <=30  | Pass |      |
|        |       |      | 25    | 20.94 | -0.50 | 20.44 | <=30  | Pass |      |
|        |       | 50   | 0     | 20.98 | -0.50 | 20.48 | <=30  | Pass |      |
|        | 1775  | 1    | 0     | 21.73 | -0.50 | 21.23 | <=30  | Pass |      |
|        |       |      | 25    | 21.64 | -0.50 | 21.14 | <=30  | Pass |      |
|        |       |      | 49    | 21.70 | -0.50 | 21.20 | <=30  | Pass |      |
|        |       | 25   | 0     | 20.77 | -0.50 | 20.27 | <=30  | Pass |      |
|        |       |      | 13    | 20.71 | -0.50 | 20.21 | <=30  | Pass |      |
|        |       |      | 25    | 20.71 | -0.50 | 20.21 | <=30  | Pass |      |
|        |       | 50   | 0     | 20.67 | -0.50 | 20.17 | <=30  | Pass |      |
|        |       |      |       |       |       |       |       |      |      |
|        | 64QAM | 1715 | 1     | 0     | 21.45 | -0.50 | 20.95 | <=30 | Pass |
|        |       |      |       | 25    | 21.35 | -0.50 | 20.85 | <=30 | Pass |
| 49     |       |      |       | 21.33 | -0.50 | 20.83 | <=30  | Pass |      |
| 25     |       |      | 0     | 20.16 | -0.50 | 19.66 | <=30  | Pass |      |
|        |       |      | 13    | 20.11 | -0.50 | 19.61 | <=30  | Pass |      |
|        |       |      | 25    | 20.10 | -0.50 | 19.60 | <=30  | Pass |      |
| 50     |       |      | 0     | 20.09 | -0.50 | 19.59 | <=30  | Pass |      |
| 1745   |       | 1    | 0     | 21.22 | -0.50 | 20.72 | <=30  | Pass |      |
|        |       |      | 25    | 21.14 | -0.50 | 20.64 | <=30  | Pass |      |
|        |       |      | 49    | 21.09 | -0.50 | 20.59 | <=30  | Pass |      |
|        |       | 25   | 0     | 20.08 | -0.50 | 19.58 | <=30  | Pass |      |
|        |       |      | 13    | 20.01 | -0.50 | 19.51 | <=30  | Pass |      |
|        |       |      | 25    | 20.00 | -0.50 | 19.50 | <=30  | Pass |      |
|        |       | 50   | 0     | 20.02 | -0.50 | 19.52 | <=30  | Pass |      |
| 1775   |       | 1    | 0     | 20.84 | -0.50 | 20.34 | <=30  | Pass |      |
|        |       |      | 25    | 20.79 | -0.50 | 20.29 | <=30  | Pass |      |
|        |       |      | 49    | 20.88 | -0.50 | 20.38 | <=30  | Pass |      |
|        |       | 25   | 0     | 19.74 | -0.50 | 19.24 | <=30  | Pass |      |
|        |       |      | 13    | 19.67 | -0.50 | 19.17 | <=30  | Pass |      |
|        |       |      | 25    | 19.68 | -0.50 | 19.18 | <=30  | Pass |      |
|        |       | 50   | 0     | 19.63 | -0.50 | 19.13 | <=30  | Pass |      |
|        |       |      |       |       |       |       |       |      |      |
| 256QAM |       | 1715 | 1     | 0     | 18.63 | -0.50 | 18.13 | <=30 | Pass |
|        |       |      |       | 25    | 18.53 | -0.50 | 18.03 | <=30 | Pass |

|                                          |      |      |    |       |       |       |       |      |
|------------------------------------------|------|------|----|-------|-------|-------|-------|------|
|                                          |      | 25   | 49 | 18.52 | -0.50 | 18.02 | <=30  | Pass |
|                                          |      |      | 0  | 18.22 | -0.50 | 17.72 | <=30  | Pass |
|                                          |      |      | 13 | 18.17 | -0.50 | 17.67 | <=30  | Pass |
|                                          |      |      | 25 | 18.15 | -0.50 | 17.65 | <=30  | Pass |
|                                          |      | 50   | 0  | 18.15 | -0.50 | 17.65 | <=30  | Pass |
|                                          | 1745 | 1    | 0  | 17.89 | -0.50 | 17.39 | <=30  | Pass |
|                                          |      |      | 25 | 17.85 | -0.50 | 17.35 | <=30  | Pass |
|                                          |      |      | 49 | 17.82 | -0.50 | 17.32 | <=30  | Pass |
|                                          |      | 25   | 0  | 18.12 | -0.50 | 17.62 | <=30  | Pass |
|                                          |      |      | 13 | 18.07 | -0.50 | 17.57 | <=30  | Pass |
|                                          |      |      | 25 | 18.06 | -0.50 | 17.56 | <=30  | Pass |
|                                          |      | 50   | 0  | 18.04 | -0.50 | 17.54 | <=30  | Pass |
|                                          |      | 1775 | 1  | 0     | 17.87 | -0.50 | 17.37 | <=30 |
|                                          | 25   |      |    | 17.77 | -0.50 | 17.27 | <=30  | Pass |
|                                          | 49   |      |    | 17.94 | -0.50 | 17.44 | <=30  | Pass |
|                                          | 25   |      | 0  | 17.85 | -0.50 | 17.35 | <=30  | Pass |
|                                          |      |      | 13 | 17.79 | -0.50 | 17.29 | <=30  | Pass |
|                                          |      |      | 25 | 17.80 | -0.50 | 17.30 | <=30  | Pass |
|                                          | 50   |      | 0  | 17.80 | -0.50 | 17.30 | <=30  | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |      |      |    |       |       |       |       |      |

### 1.1.5 B66\_15MHz\_EIRP

| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | 23.19                 | -0.50      | 22.69      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.12                 | -0.50      | 22.62      | <=30  | Pass    |
|                                    |                 |               | 74     | 23.02                 | -0.50      | 22.52      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.16                 | -0.50      | 21.66      | <=30  | Pass    |
|                                    |                 |               | 18     | 22.08                 | -0.50      | 21.58      | <=30  | Pass    |
|                                    |                 |               | 39     | 22.06                 | -0.50      | 21.56      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 22.11                 | -0.50      | 21.61      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 23.00                 | -0.50      | 22.50      | <=30  | Pass    |
|                                    |                 |               | 38     | 23.00                 | -0.50      | 22.50      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.85                 | -0.50      | 22.35      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 22.00                 | -0.50      | 21.50      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.97                 | -0.50      | 21.47      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.89                 | -0.50      | 21.39      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 21.97                 | -0.50      | 21.47      | <=30  | Pass    |
|                                    | 1772.5          | 1             | 0      | 22.80                 | -0.50      | 22.30      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.65                 | -0.50      | 22.15      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.64                 | -0.50      | 22.14      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 21.72                 | -0.50      | 21.22      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.65                 | -0.50      | 21.15      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.61                 | -0.50      | 21.11      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 21.72                 | -0.50      | 21.22      | <=30  | Pass    |
| 16QAM                              | 1717.5          | 1             | 0      | 22.74                 | -0.50      | 22.24      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.68                 | -0.50      | 22.18      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.54                 | -0.50      | 22.04      | <=30  | Pass    |
|                                    |                 | 36            | 0      | 21.18                 | -0.50      | 20.68      | <=30  | Pass    |
|                                    |                 |               | 18     | 21.12                 | -0.50      | 20.62      | <=30  | Pass    |
|                                    |                 |               | 39     | 21.10                 | -0.50      | 20.60      | <=30  | Pass    |
|                                    |                 | 75            | 0      | 21.14                 | -0.50      | 20.64      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 22.21                 | -0.50      | 21.71      | <=30  | Pass    |
|                                    |                 |               | 38     | 22.19                 | -0.50      | 21.69      | <=30  | Pass    |
|                                    |                 |               | 74     | 22.02                 | -0.50      | 21.52      | <=30  | Pass    |

|                                          |        |    |    |       |       |       |      |      |
|------------------------------------------|--------|----|----|-------|-------|-------|------|------|
|                                          |        | 36 | 0  | 21.02 | -0.50 | 20.52 | <=30 | Pass |
|                                          |        |    | 18 | 20.99 | -0.50 | 20.49 | <=30 | Pass |
|                                          |        |    | 39 | 20.92 | -0.50 | 20.42 | <=30 | Pass |
|                                          |        | 75 | 0  | 21.00 | -0.50 | 20.50 | <=30 | Pass |
|                                          | 1772.5 | 1  | 0  | 22.13 | -0.50 | 21.63 | <=30 | Pass |
|                                          |        |    | 38 | 21.96 | -0.50 | 21.46 | <=30 | Pass |
|                                          |        |    | 74 | 22.04 | -0.50 | 21.54 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.73 | -0.50 | 20.23 | <=30 | Pass |
|                                          |        |    | 18 | 20.66 | -0.50 | 20.16 | <=30 | Pass |
|                                          |        |    | 39 | 20.62 | -0.50 | 20.12 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.73 | -0.50 | 20.23 | <=30 | Pass |
| 64QAM                                    | 1717.5 | 1  | 0  | 21.46 | -0.50 | 20.96 | <=30 | Pass |
|                                          |        |    | 38 | 21.39 | -0.50 | 20.89 | <=30 | Pass |
|                                          |        |    | 74 | 21.27 | -0.50 | 20.77 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.19 | -0.50 | 19.69 | <=30 | Pass |
|                                          |        |    | 18 | 20.11 | -0.50 | 19.61 | <=30 | Pass |
|                                          |        |    | 39 | 20.09 | -0.50 | 19.59 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.12 | -0.50 | 19.62 | <=30 | Pass |
|                                          | 1745   | 1  | 0  | 21.21 | -0.50 | 20.71 | <=30 | Pass |
|                                          |        |    | 38 | 21.19 | -0.50 | 20.69 | <=30 | Pass |
|                                          |        |    | 74 | 21.03 | -0.50 | 20.53 | <=30 | Pass |
|                                          |        | 36 | 0  | 20.08 | -0.50 | 19.58 | <=30 | Pass |
|                                          |        |    | 18 | 20.04 | -0.50 | 19.54 | <=30 | Pass |
|                                          |        |    | 39 | 19.97 | -0.50 | 19.47 | <=30 | Pass |
|                                          |        | 75 | 0  | 20.00 | -0.50 | 19.50 | <=30 | Pass |
|                                          | 1772.5 | 1  | 0  | 21.39 | -0.50 | 20.89 | <=30 | Pass |
|                                          |        |    | 38 | 21.19 | -0.50 | 20.69 | <=30 | Pass |
|                                          |        |    | 74 | 21.25 | -0.50 | 20.75 | <=30 | Pass |
|                                          |        | 36 | 0  | 19.77 | -0.50 | 19.27 | <=30 | Pass |
|                                          |        |    | 18 | 19.67 | -0.50 | 19.17 | <=30 | Pass |
|                                          |        |    | 39 | 19.64 | -0.50 | 19.14 | <=30 | Pass |
|                                          |        | 75 | 0  | 19.77 | -0.50 | 19.27 | <=30 | Pass |
| 256QAM                                   | 1717.5 | 1  | 0  | 18.67 | -0.50 | 18.17 | <=30 | Pass |
|                                          |        |    | 38 | 18.57 | -0.50 | 18.07 | <=30 | Pass |
|                                          |        |    | 74 | 18.50 | -0.50 | 18.00 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.24 | -0.50 | 17.74 | <=30 | Pass |
|                                          |        |    | 18 | 18.17 | -0.50 | 17.67 | <=30 | Pass |
|                                          |        |    | 39 | 18.12 | -0.50 | 17.62 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.19 | -0.50 | 17.69 | <=30 | Pass |
|                                          | 1745   | 1  | 0  | 17.91 | -0.50 | 17.41 | <=30 | Pass |
|                                          |        |    | 38 | 17.87 | -0.50 | 17.37 | <=30 | Pass |
|                                          |        |    | 74 | 17.71 | -0.50 | 17.21 | <=30 | Pass |
|                                          |        | 36 | 0  | 18.07 | -0.50 | 17.57 | <=30 | Pass |
|                                          |        |    | 18 | 18.07 | -0.50 | 17.57 | <=30 | Pass |
|                                          |        |    | 39 | 18.00 | -0.50 | 17.50 | <=30 | Pass |
|                                          |        | 75 | 0  | 18.07 | -0.50 | 17.57 | <=30 | Pass |
|                                          | 1772.5 | 1  | 0  | 18.20 | -0.50 | 17.70 | <=30 | Pass |
|                                          |        |    | 38 | 18.04 | -0.50 | 17.54 | <=30 | Pass |
|                                          |        |    | 74 | 18.11 | -0.50 | 17.61 | <=30 | Pass |
|                                          |        | 36 | 0  | 17.81 | -0.50 | 17.31 | <=30 | Pass |
|                                          |        |    | 18 | 17.75 | -0.50 | 17.25 | <=30 | Pass |
|                                          |        |    | 39 | 17.68 | -0.50 | 17.18 | <=30 | Pass |
|                                          |        | 75 | 0  | 17.82 | -0.50 | 17.32 | <=30 | Pass |
| Note1: EIRP=Conducted Power+Antenna Gain |        |    |    |       |       |       |      |      |

### 1.1.6 B66\_20MHz\_EIRP

| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                       |            |            |       |         |
|------------------------------------|-----------------|---------------|--------|-----------------------|------------|------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Conducted Power (dBm) | Gain (dBi) | EIRP (dBm) |       | Verdict |
|                                    |                 | Size          | Offset |                       |            | Result     | Limit |         |
| QPSK                               | 1720            | 1             | 0      | 23.19                 | -0.50      | 22.69      | <=30  | Pass    |
|                                    |                 |               | 50     | 23.10                 | -0.50      | 22.60      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.95                 | -0.50      | 22.45      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 22.20                 | -0.50      | 21.70      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.11                 | -0.50      | 21.61      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.04                 | -0.50      | 21.54      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 22.09                 | -0.50      | 21.59      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 22.93                 | -0.50      | 22.43      | <=30  | Pass    |
|                                    |                 |               | 50     | 23.02                 | -0.50      | 22.52      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.84                 | -0.50      | 22.34      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 22.06                 | -0.50      | 21.56      | <=30  | Pass    |
|                                    |                 |               | 25     | 22.05                 | -0.50      | 21.55      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.95                 | -0.50      | 21.45      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.98                 | -0.50      | 21.48      | <=30  | Pass    |
|                                    | 1770            | 1             | 0      | 22.87                 | -0.50      | 22.37      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.68                 | -0.50      | 22.18      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.64                 | -0.50      | 22.14      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.85                 | -0.50      | 21.35      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.78                 | -0.50      | 21.28      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.66                 | -0.50      | 21.16      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.77                 | -0.50      | 21.27      | <=30  | Pass    |
| 16QAM                              | 1720            | 1             | 0      | 22.48                 | -0.50      | 21.98      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.38                 | -0.50      | 21.88      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.19                 | -0.50      | 21.69      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.16                 | -0.50      | 20.66      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.10                 | -0.50      | 20.60      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.05                 | -0.50      | 20.55      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 21.08                 | -0.50      | 20.58      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 22.20                 | -0.50      | 21.70      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.26                 | -0.50      | 21.76      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.07                 | -0.50      | 21.57      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 21.05                 | -0.50      | 20.55      | <=30  | Pass    |
|                                    |                 |               | 25     | 21.03                 | -0.50      | 20.53      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.92                 | -0.50      | 20.42      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.95                 | -0.50      | 20.45      | <=30  | Pass    |
|                                    | 1770            | 1             | 0      | 22.55                 | -0.50      | 22.05      | <=30  | Pass    |
|                                    |                 |               | 50     | 22.32                 | -0.50      | 21.82      | <=30  | Pass    |
|                                    |                 |               | 99     | 22.29                 | -0.50      | 21.79      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.84                 | -0.50      | 20.34      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.75                 | -0.50      | 20.25      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.65                 | -0.50      | 20.15      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.76                 | -0.50      | 20.26      | <=30  | Pass    |
| 64QAM                              | 1720            | 1             | 0      | 21.59                 | -0.50      | 21.09      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.50                 | -0.50      | 21.00      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.32                 | -0.50      | 20.82      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.22                 | -0.50      | 19.72      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.15                 | -0.50      | 19.65      | <=30  | Pass    |
|                                    |                 |               | 50     | 20.10                 | -0.50      | 19.60      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 20.10                 | -0.50      | 19.60      | <=30  | Pass    |
|                                    | 1745            | 1             | 0      | 21.58                 | -0.50      | 21.08      | <=30  | Pass    |
|                                    |                 |               | 50     | 21.70                 | -0.50      | 21.20      | <=30  | Pass    |
|                                    |                 |               | 99     | 21.51                 | -0.50      | 21.01      | <=30  | Pass    |
|                                    |                 | 50            | 0      | 20.10                 | -0.50      | 19.60      | <=30  | Pass    |
|                                    |                 |               | 25     | 20.06                 | -0.50      | 19.56      | <=30  | Pass    |
|                                    |                 |               | 50     | 19.96                 | -0.50      | 19.46      | <=30  | Pass    |
|                                    |                 | 100           | 0      | 19.97                 | -0.50      | 19.47      | <=30  | Pass    |

|                                          |       |        |      |       |       |       |       |       |      |      |
|------------------------------------------|-------|--------|------|-------|-------|-------|-------|-------|------|------|
|                                          | 1770  | 1      | 0    | 21.14 | -0.50 | 20.64 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 20.88 | -0.50 | 20.38 | <=30  | Pass  |      |      |
|                                          |       |        | 99   | 20.92 | -0.50 | 20.42 | <=30  | Pass  |      |      |
|                                          |       | 50     | 0    | 19.83 | -0.50 | 19.33 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 19.76 | -0.50 | 19.26 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 19.66 | -0.50 | 19.16 | <=30  | Pass  |      |      |
|                                          |       | 100    | 0    | 19.77 | -0.50 | 19.27 | <=30  | Pass  |      |      |
|                                          |       | 256QAM | 1720 | 1     | 0     | 18.48 | -0.50 | 17.98 | <=30 | Pass |
|                                          |       |        |      |       | 50    | 18.33 | -0.50 | 17.83 | <=30 | Pass |
| 99                                       | 18.28 |        |      |       | -0.50 | 17.78 | <=30  | Pass  |      |      |
| 50                                       | 0     |        |      | 18.19 | -0.50 | 17.69 | <=30  | Pass  |      |      |
|                                          | 25    |        |      | 18.13 | -0.50 | 17.63 | <=30  | Pass  |      |      |
|                                          | 50    |        |      | 18.10 | -0.50 | 17.60 | <=30  | Pass  |      |      |
| 100                                      | 0     |        |      | 18.12 | -0.50 | 17.62 | <=30  | Pass  |      |      |
| 1745                                     | 1     |        |      | 0     | 18.32 | -0.50 | 17.82 | <=30  | Pass |      |
|                                          |       |        |      | 50    | 18.29 | -0.50 | 17.79 | <=30  | Pass |      |
|                                          |       |        | 99   | 18.07 | -0.50 | 17.57 | <=30  | Pass  |      |      |
|                                          | 50    |        | 0    | 18.10 | -0.50 | 17.60 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 18.09 | -0.50 | 17.59 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 17.99 | -0.50 | 17.49 | <=30  | Pass  |      |      |
|                                          | 100   |        | 0    | 18.03 | -0.50 | 17.53 | <=30  | Pass  |      |      |
|                                          | 1770  |        | 1    | 0     | 17.84 | -0.50 | 17.34 | <=30  | Pass |      |
|                                          |       |        |      | 50    | 17.71 | -0.50 | 17.21 | <=30  | Pass |      |
| 99                                       |       |        |      | 17.74 | -0.50 | 17.24 | <=30  | Pass  |      |      |
| 50                                       |       |        | 0    | 17.91 | -0.50 | 17.41 | <=30  | Pass  |      |      |
|                                          |       |        | 25   | 17.87 | -0.50 | 17.37 | <=30  | Pass  |      |      |
|                                          |       |        | 50   | 17.75 | -0.50 | 17.25 | <=30  | Pass  |      |      |
| 100                                      |       |        | 0    | 17.82 | -0.50 | 17.32 | <=30  | Pass  |      |      |
| Note1: EIRP=Conducted Power+Antenna Gain |       |        |      |       |       |       |       |       |      |      |

## 2. Frequency Stability

### 2.1 Test Result

#### 2.1.1 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz |                 |               |        |            |         |                  |                       |             |         |
|-----------------------------|-----------------|---------------|--------|------------|---------|------------------|-----------------------|-------------|---------|
| Modulation                  | Frequency (MHz) | RB Allocation |        | Temp. (°C) | Voltage | Freq. Error (Hz) | Freq. vs. Rated (ppm) |             | Verdict |
|                             |                 | Size          | Offset |            |         |                  | Result                | Limit       |         |
| QPSK                        | 1745            | 50            | 0      | 20         | LV      | 0.891            | 0.0005                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | NV      | 3.089            | 0.0018                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            | HV      | 2.313            | 0.0013                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -30        | NV      | 3.167            | 0.0018                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -20        | NV      | 3.895            | 0.0022                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | -10        | NV      | 2.036            | 0.0012                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 0          | NV      | -1.411           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 10         | NV      | 4.837            | 0.0028                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 30         | NV      | -1.412           | -0.0008               | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 40         | NV      | 6.546            | 0.0038                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        | 50         | NV      | 4.131            | 0.0024                | -2.5 to 2.5 | Pass    |
|                             |                 |               |        |            |         |                  |                       |             |         |

### 3. 99% & 26dB Bandwidth

#### 3.1 Test Result

##### 3.1.1 Band66\_OBW

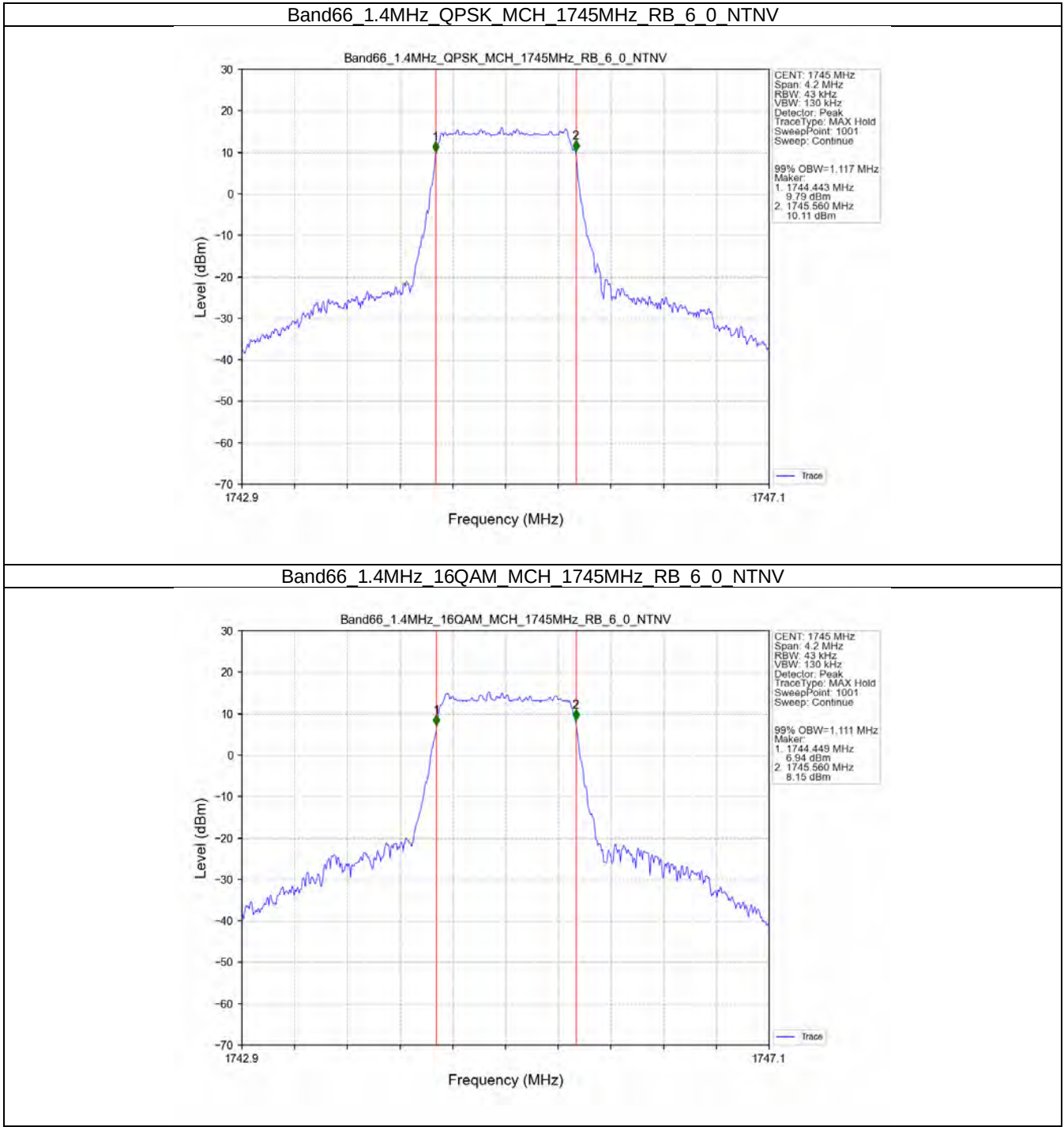
| Band: 66 / NTNV |            |                 |               |        |                              |       |         |
|-----------------|------------|-----------------|---------------|--------|------------------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 99% Occupied Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result                       | Limit |         |
| 1.4             | QPSK       | 1745            | 6             | 0      | 1.117                        | /     | Pass    |
|                 | 16QAM      | 1745            | 6             | 0      | 1.111                        | /     | Pass    |
|                 | 64QAM      | 1745            | 6             | 0      | 1.108                        | /     | Pass    |
|                 | 256QAM     | 1745            | 6             | 0      | 1.116                        | /     | Pass    |
| 3               | QPSK       | 1745            | 15            | 0      | 2.739                        | /     | Pass    |
|                 | 16QAM      | 1745            | 15            | 0      | 2.731                        | /     | Pass    |
|                 | 64QAM      | 1745            | 15            | 0      | 2.737                        | /     | Pass    |
|                 | 256QAM     | 1745            | 15            | 0      | 2.732                        | /     | Pass    |
| 5               | QPSK       | 1745            | 25            | 0      | 4.566                        | /     | Pass    |
|                 | 16QAM      | 1745            | 25            | 0      | 4.540                        | /     | Pass    |
|                 | 64QAM      | 1745            | 25            | 0      | 4.554                        | /     | Pass    |
|                 | 256QAM     | 1745            | 25            | 0      | 4.557                        | /     | Pass    |
| 10              | QPSK       | 1745            | 50            | 0      | 9.058                        | /     | Pass    |
|                 | 16QAM      | 1745            | 50            | 0      | 9.048                        | /     | Pass    |
|                 | 64QAM      | 1745            | 50            | 0      | 9.039                        | /     | Pass    |
|                 | 256QAM     | 1745            | 50            | 0      | 9.043                        | /     | Pass    |
| 15              | QPSK       | 1745            | 75            | 0      | 13.582                       | /     | Pass    |
|                 | 16QAM      | 1745            | 75            | 0      | 13.557                       | /     | Pass    |
|                 | 64QAM      | 1745            | 75            | 0      | 13.582                       | /     | Pass    |
|                 | 256QAM     | 1745            | 75            | 0      | 13.564                       | /     | Pass    |
| 20              | QPSK       | 1745            | 100           | 0      | 18.075                       | /     | Pass    |
|                 | 16QAM      | 1745            | 100           | 0      | 18.042                       | /     | Pass    |
|                 | 64QAM      | 1745            | 100           | 0      | 18.068                       | /     | Pass    |
|                 | 256QAM     | 1745            | 100           | 0      | 18.087                       | /     | Pass    |

### 3.1.2 Band66\_XDB

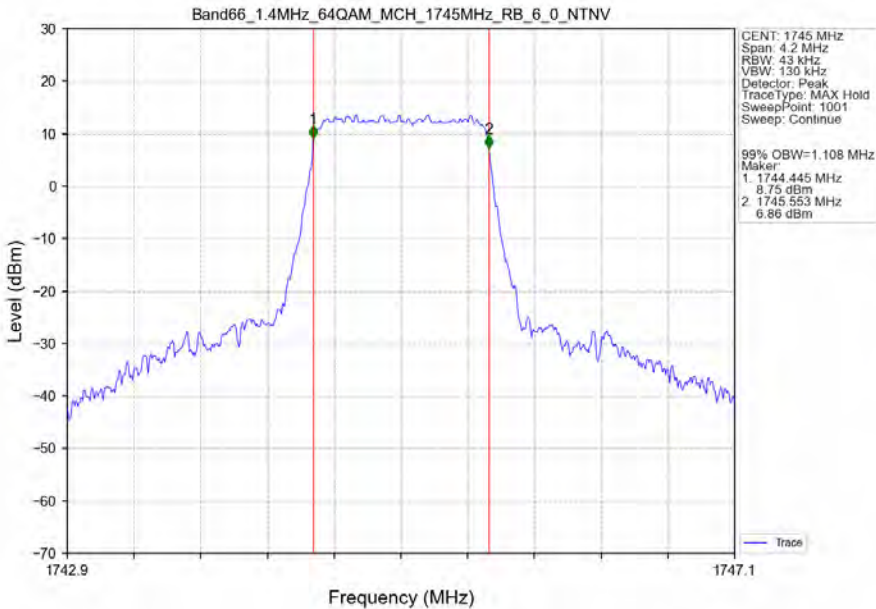
| Band: 66 / NTNV |            |                 |               |        |                      |       |         |
|-----------------|------------|-----------------|---------------|--------|----------------------|-------|---------|
| Bandwidth (MHz) | Modulation | Frequency (MHz) | RB Allocation |        | 26dB Bandwidth (MHz) |       | Verdict |
|                 |            |                 | Size          | Offset | Result               | Limit |         |
| 1.4             | QPSK       | 1745            | 6             | 0      | 1.312                | /     | Pass    |
|                 | 16QAM      | 1745            | 6             | 0      | 1.311                | /     | Pass    |
|                 | 64QAM      | 1745            | 6             | 0      | 1.310                | /     | Pass    |
|                 | 256QAM     | 1745            | 6             | 0      | 1.332                | /     | Pass    |
| 3               | QPSK       | 1745            | 15            | 0      | 3.013                | /     | Pass    |
|                 | 16QAM      | 1745            | 15            | 0      | 3.023                | /     | Pass    |
|                 | 64QAM      | 1745            | 15            | 0      | 3.009                | /     | Pass    |
|                 | 256QAM     | 1745            | 15            | 0      | 3.023                | /     | Pass    |
| 5               | QPSK       | 1745            | 25            | 0      | 5.084                | /     | Pass    |
|                 | 16QAM      | 1745            | 25            | 0      | 5.014                | /     | Pass    |
|                 | 64QAM      | 1745            | 25            | 0      | 5.044                | /     | Pass    |
|                 | 256QAM     | 1745            | 25            | 0      | 5.072                | /     | Pass    |
| 10              | QPSK       | 1745            | 50            | 0      | 10.001               | /     | Pass    |
|                 | 16QAM      | 1745            | 50            | 0      | 9.967                | /     | Pass    |
|                 | 64QAM      | 1745            | 50            | 0      | 9.981                | /     | Pass    |
|                 | 256QAM     | 1745            | 50            | 0      | 9.870                | /     | Pass    |
| 15              | QPSK       | 1745            | 75            | 0      | 14.959               | /     | Pass    |
|                 | 16QAM      | 1745            | 75            | 0      | 14.919               | /     | Pass    |
|                 | 64QAM      | 1745            | 75            | 0      | 14.975               | /     | Pass    |
|                 | 256QAM     | 1745            | 75            | 0      | 14.933               | /     | Pass    |
| 20              | QPSK       | 1745            | 100           | 0      | 19.685               | /     | Pass    |
|                 | 16QAM      | 1745            | 100           | 0      | 19.853               | /     | Pass    |
|                 | 64QAM      | 1745            | 100           | 0      | 19.865               | /     | Pass    |
|                 | 256QAM     | 1745            | 100           | 0      | 19.746               | /     | Pass    |

3.2 Test Graph

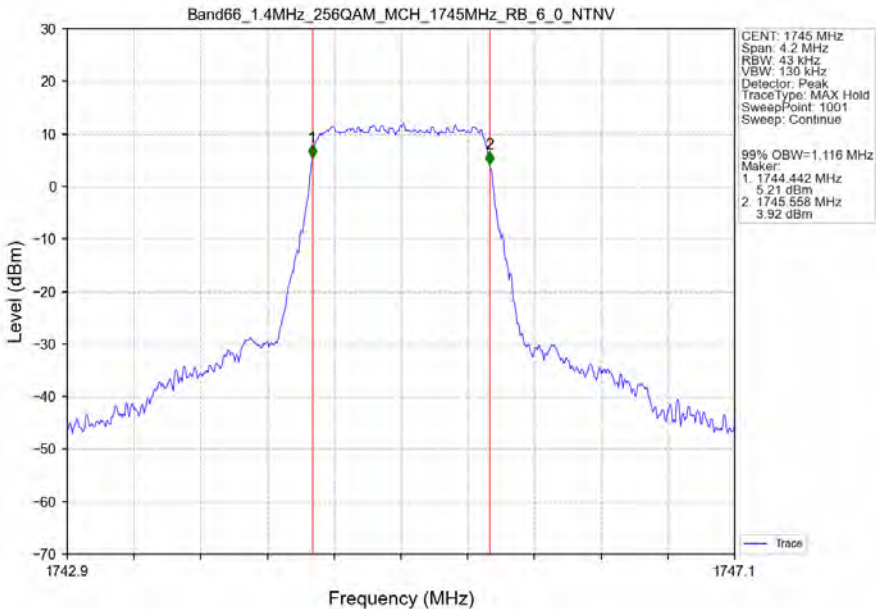
3.2.1 Band66\_OBW



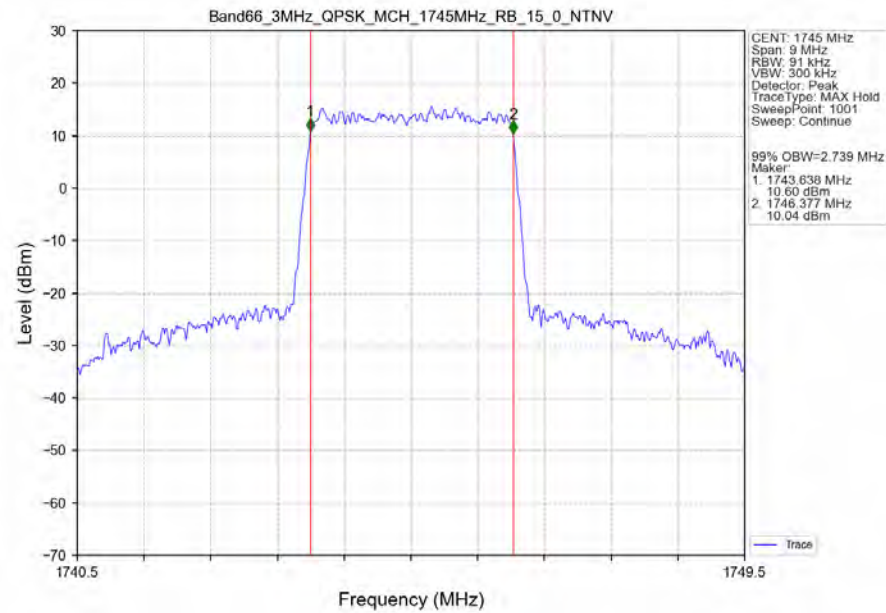
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTV



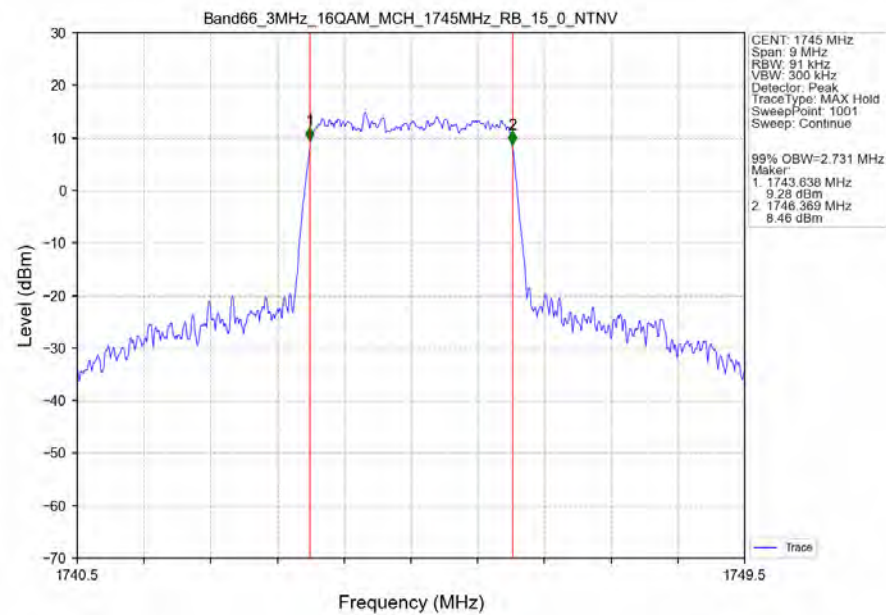
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTV



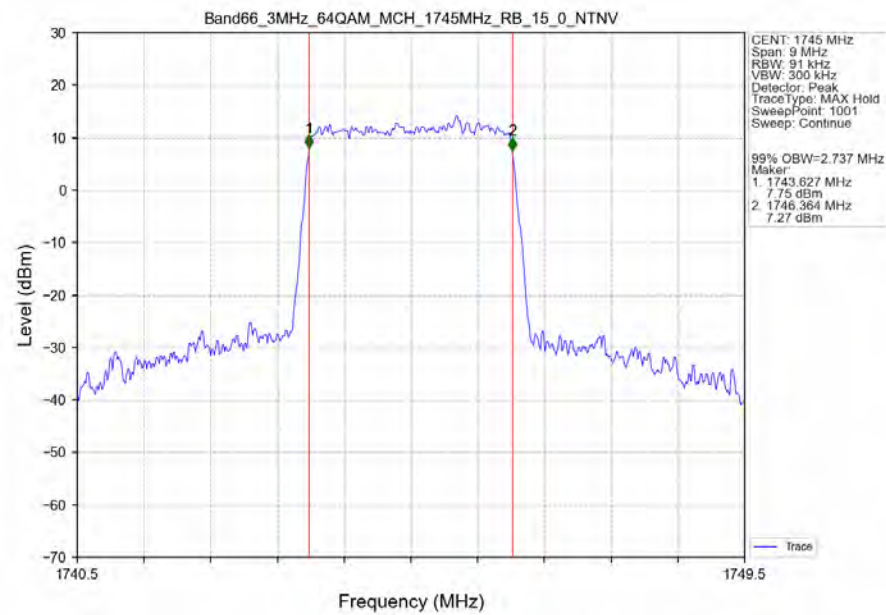
# Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



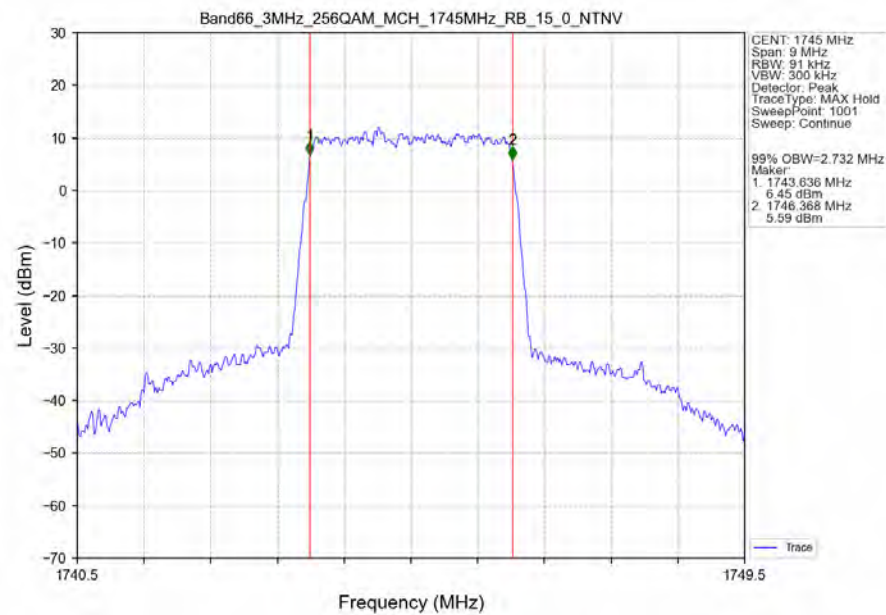
# Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



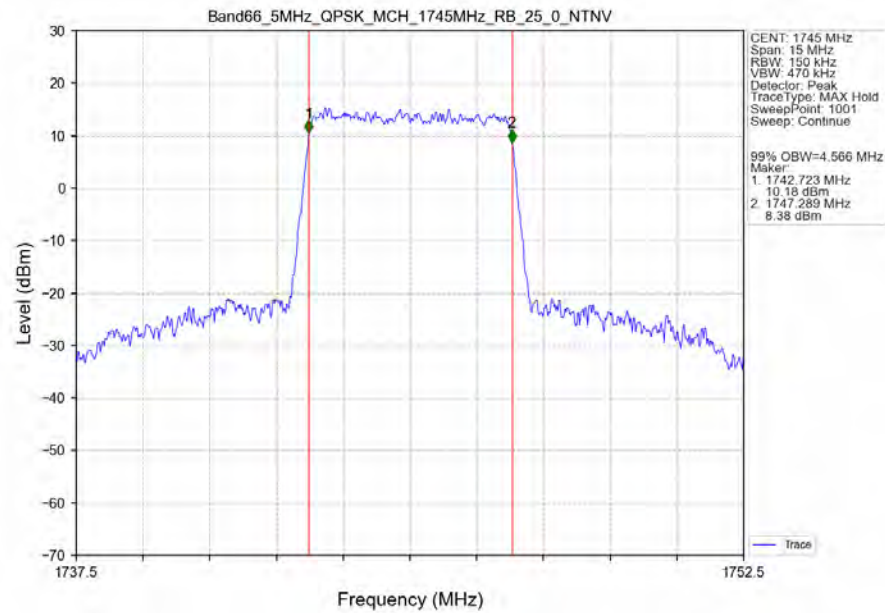
Band66\_3MHz\_64QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



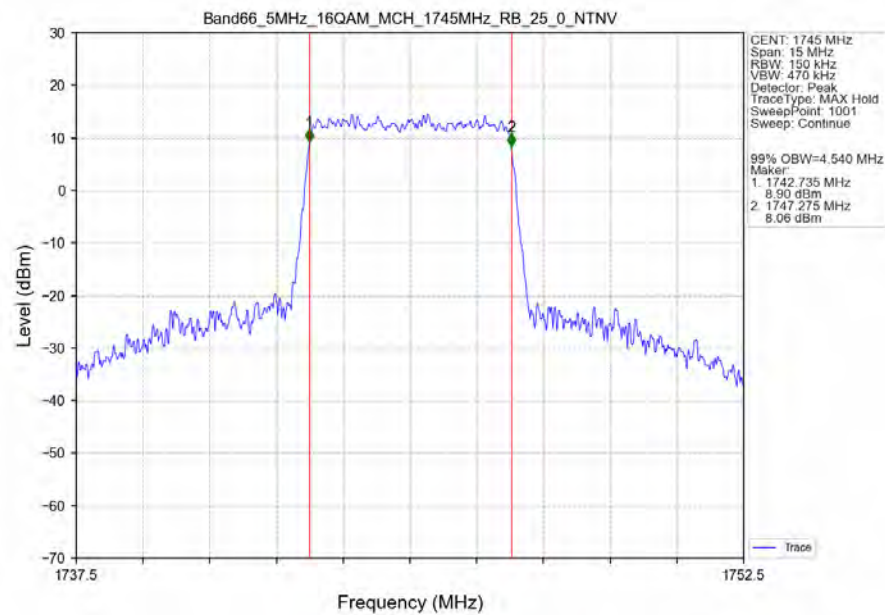
Band66\_3MHz\_256QAM\_MCH\_1745MHz\_RB\_15\_0\_NTNV



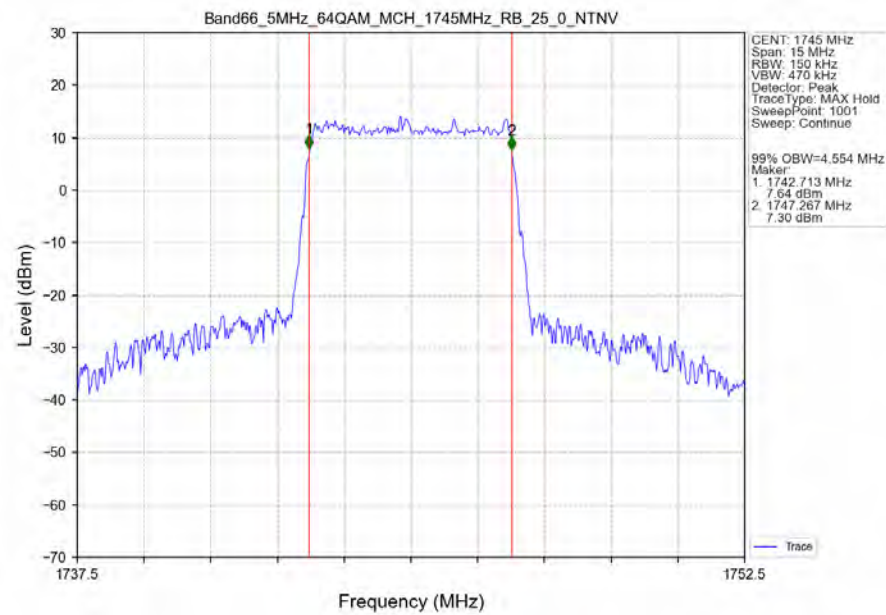
# Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTV



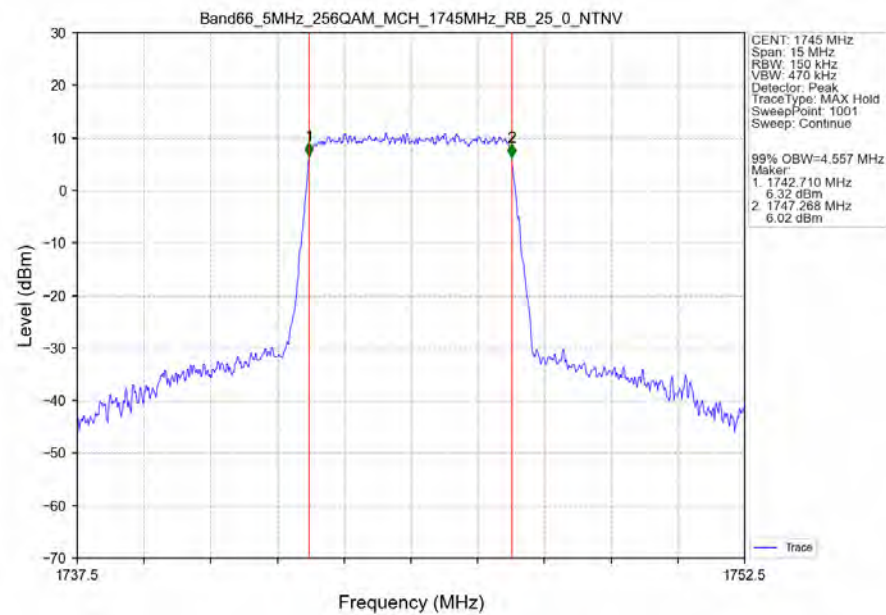
# Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTV



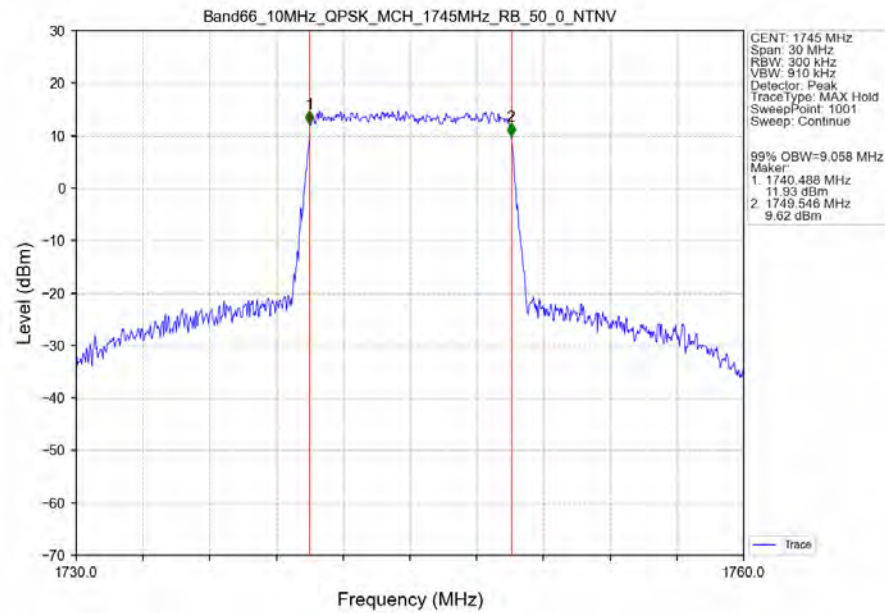
Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



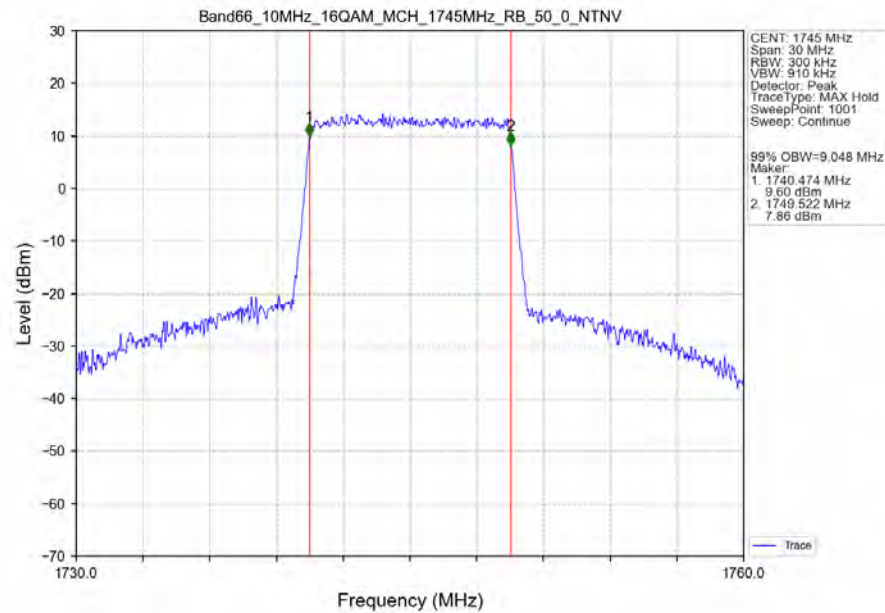
Band66 5MHz 256QAM MCH 1745MHz RB 25 0 NTNV



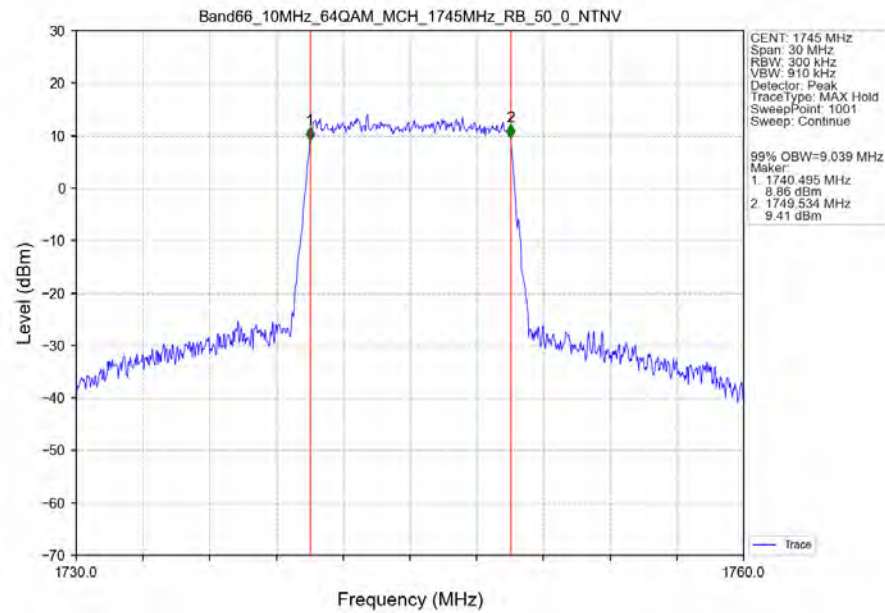
# Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



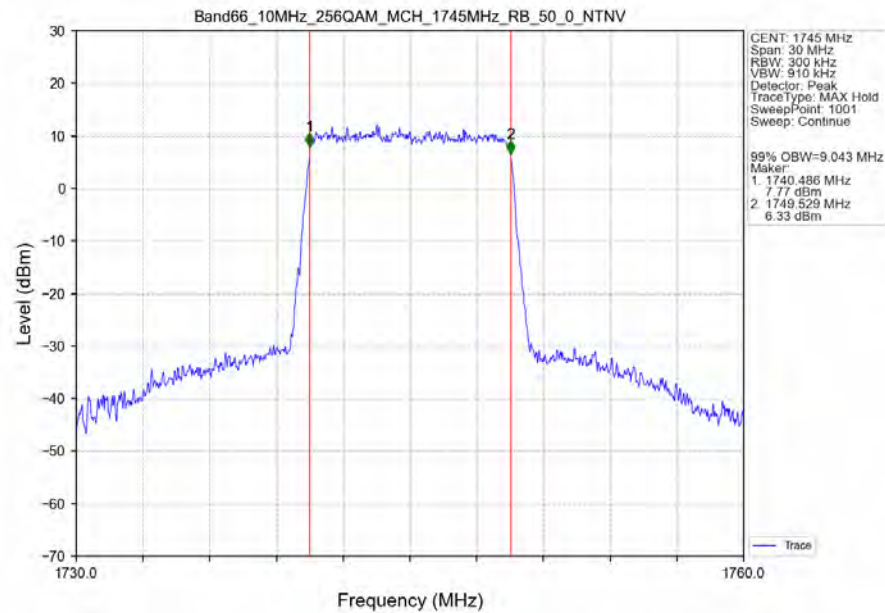
# Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



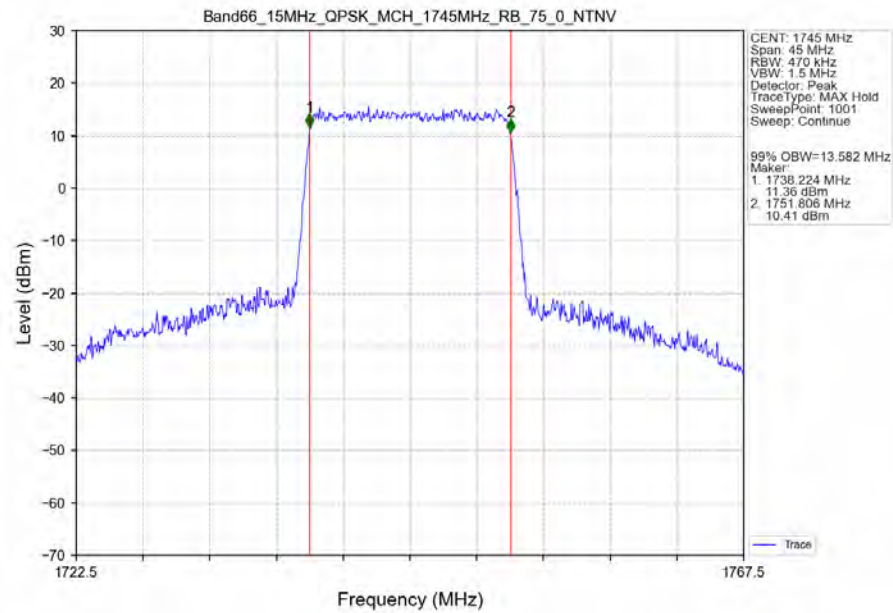
# Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTNV



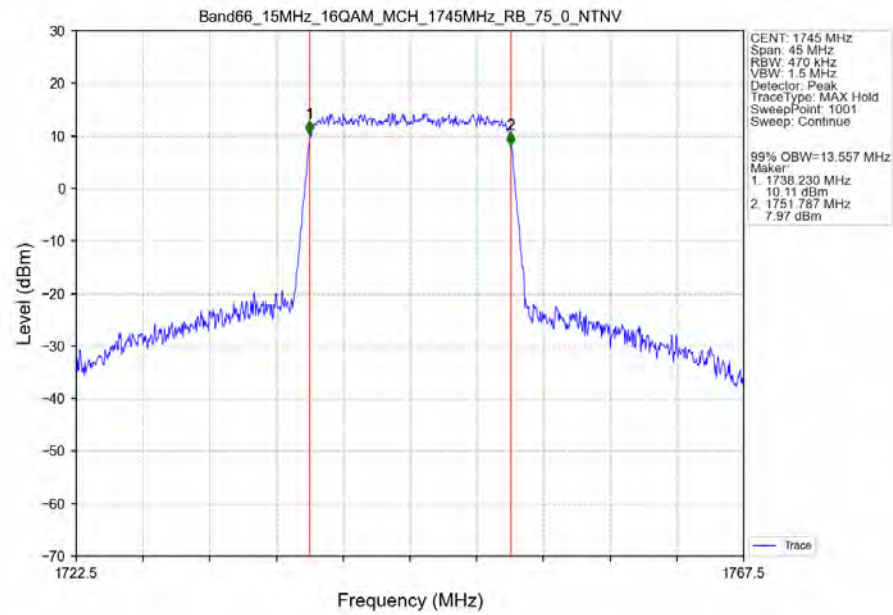
# Band66\_10MHz\_256QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



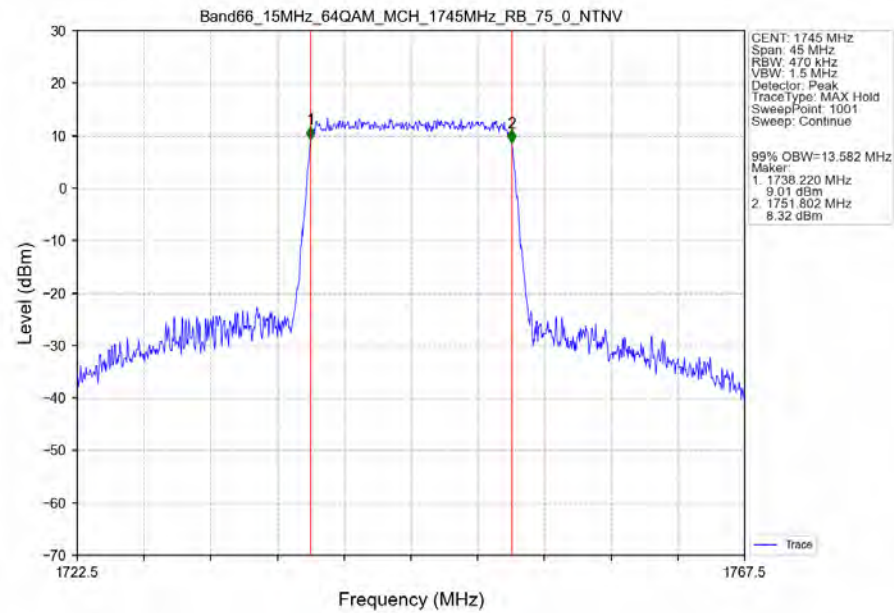
Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



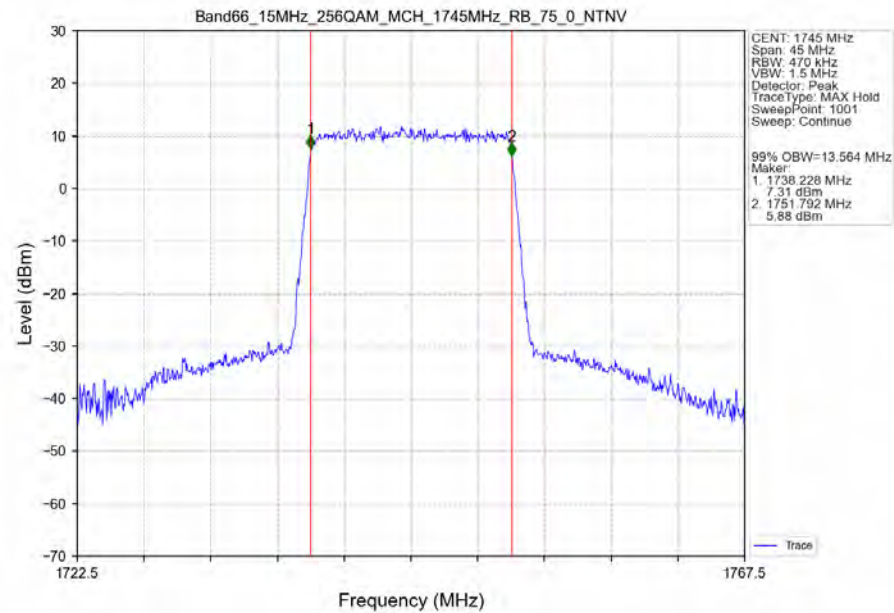
Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



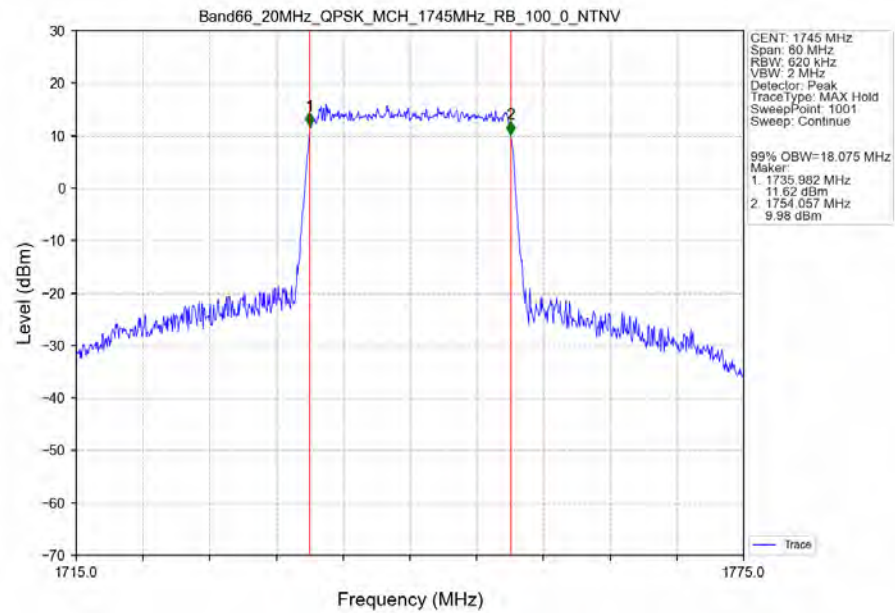
# Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTN



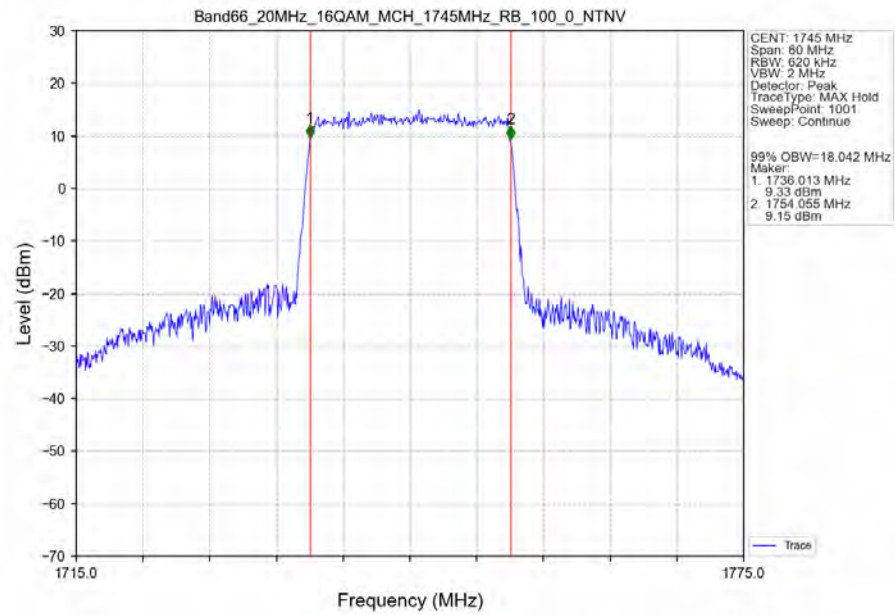
# Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTN



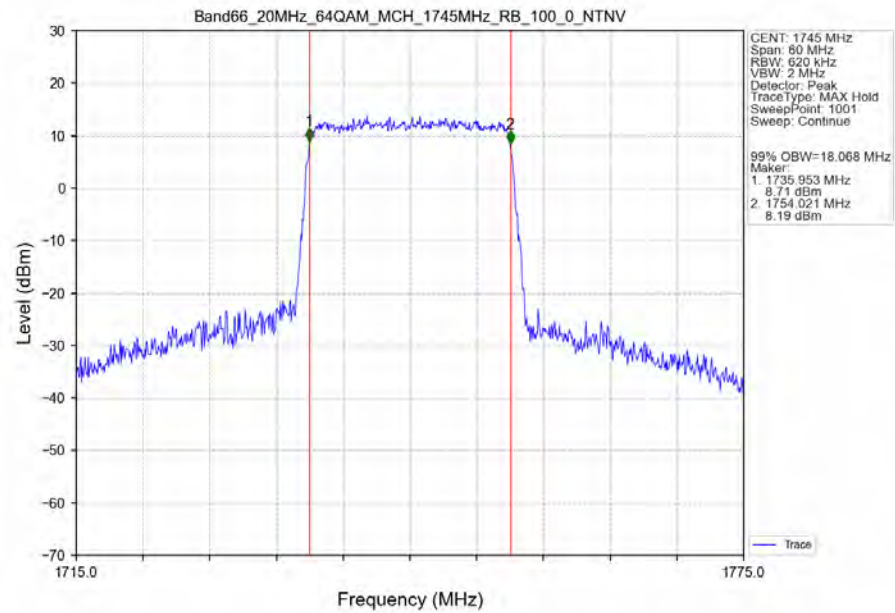
# Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



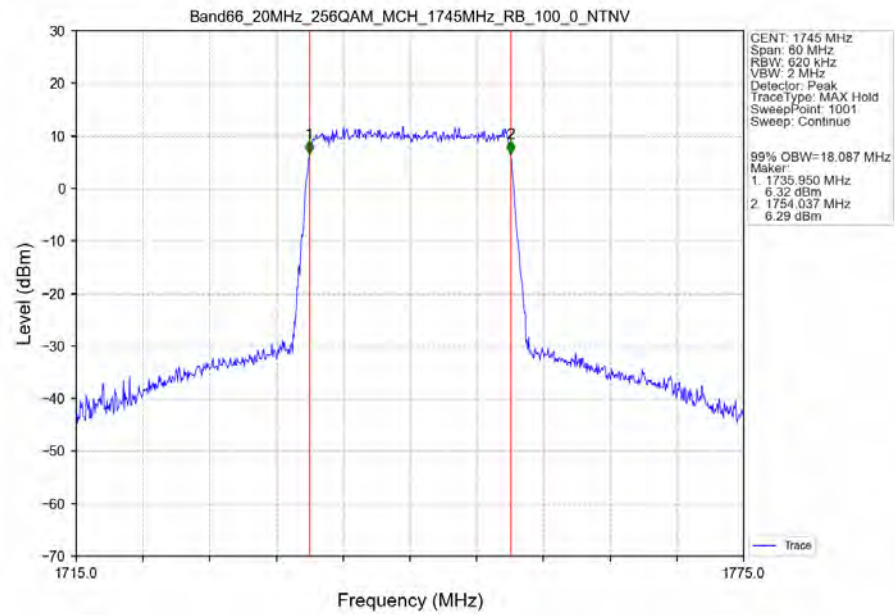
# Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



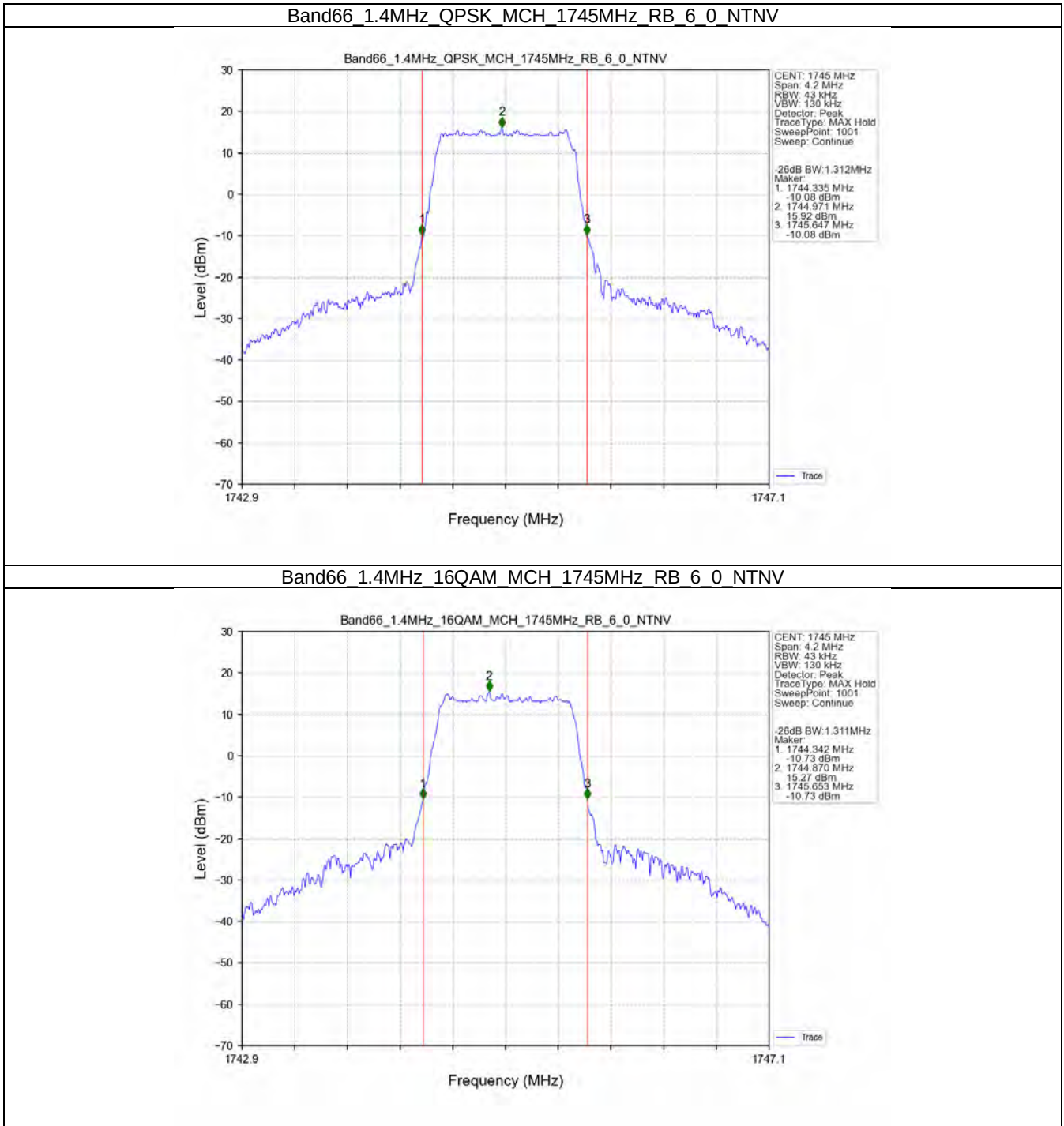
Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTV



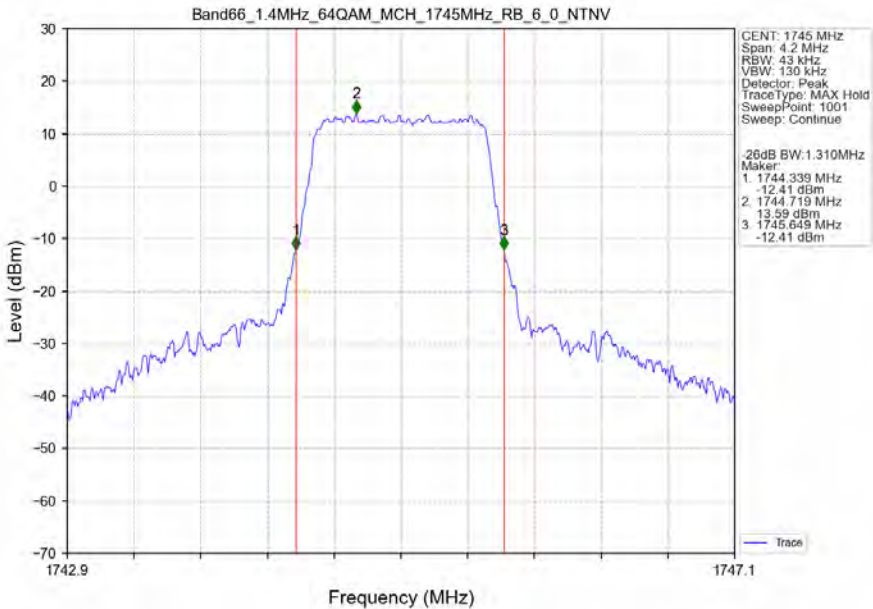
Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTV



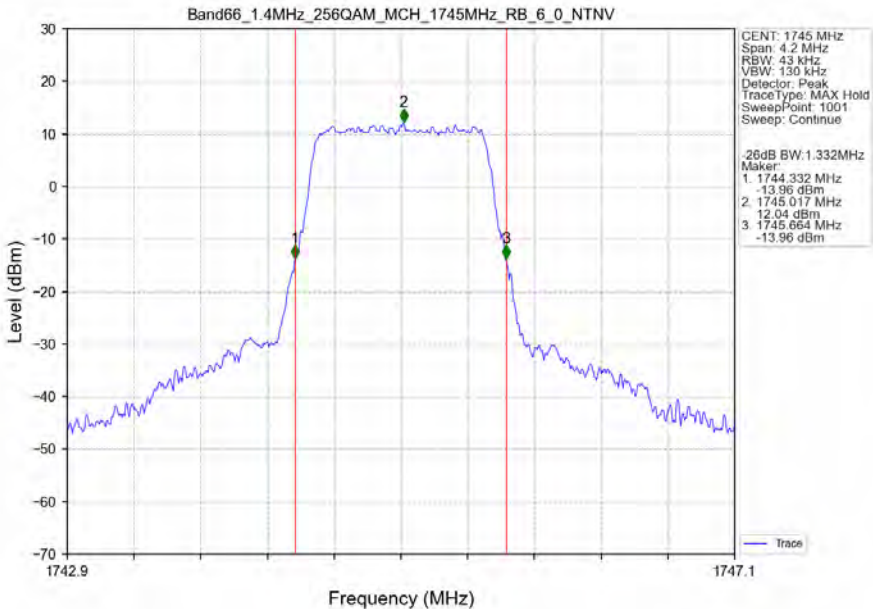
3.2.2 Band66\_XDB



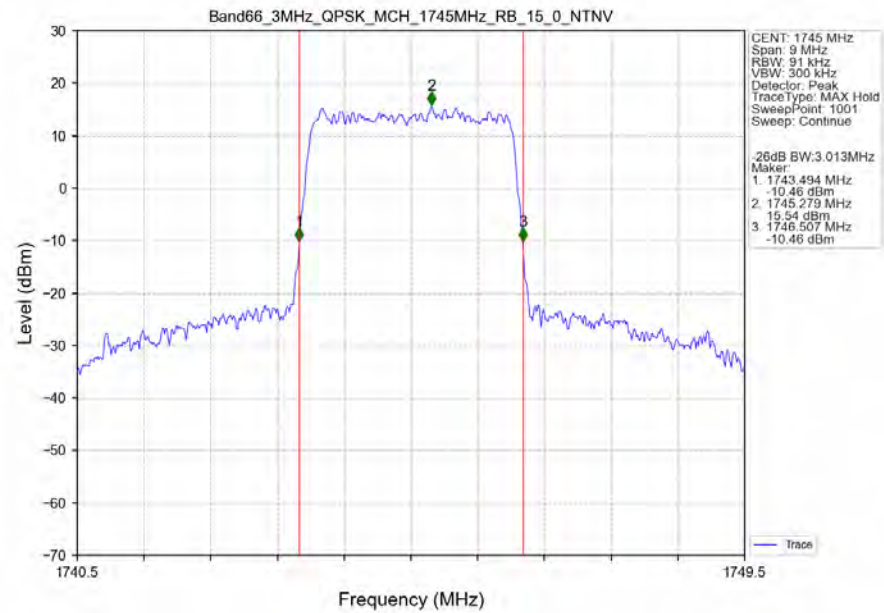
Band66 1.4MHz 64QAM MCH 1745MHz RB 6 0 NTV



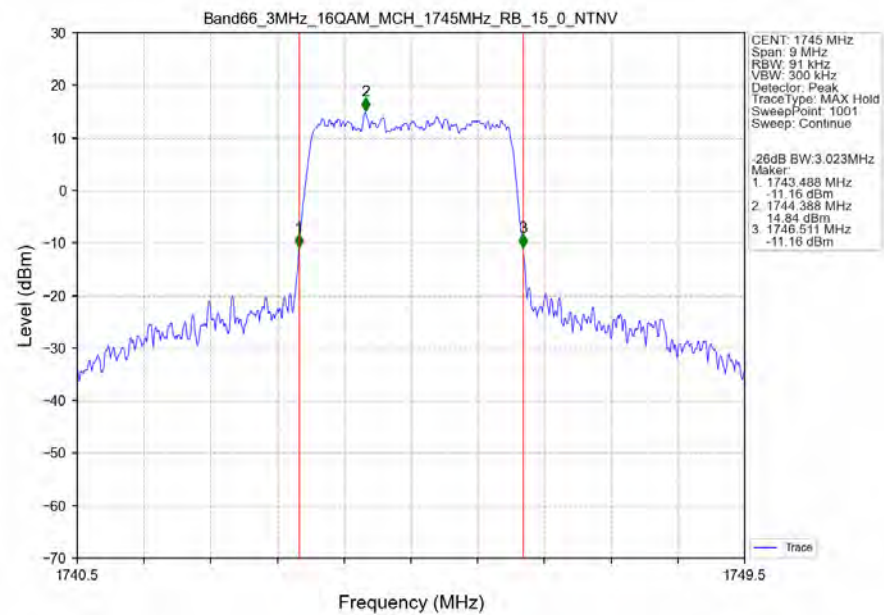
Band66 1.4MHz 256QAM MCH 1745MHz RB 6 0 NTV



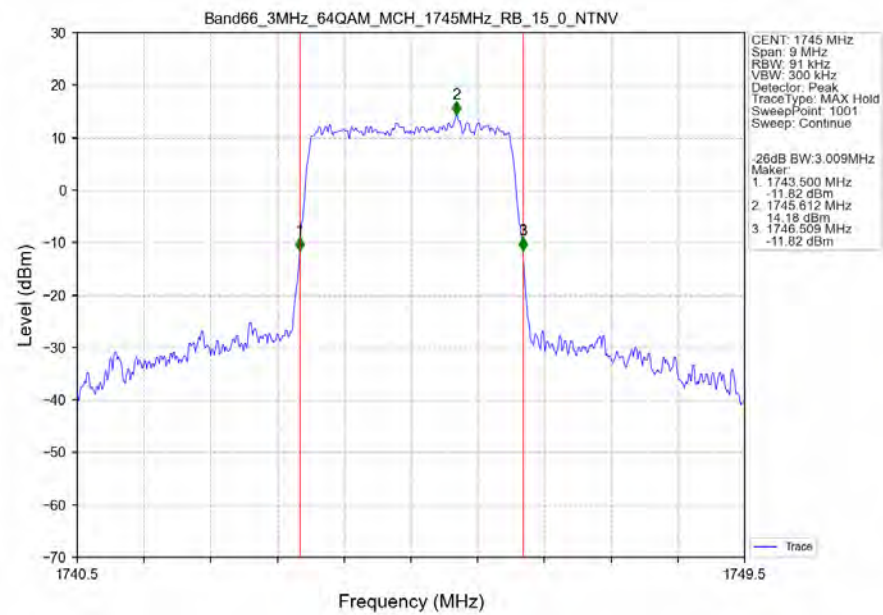
# Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



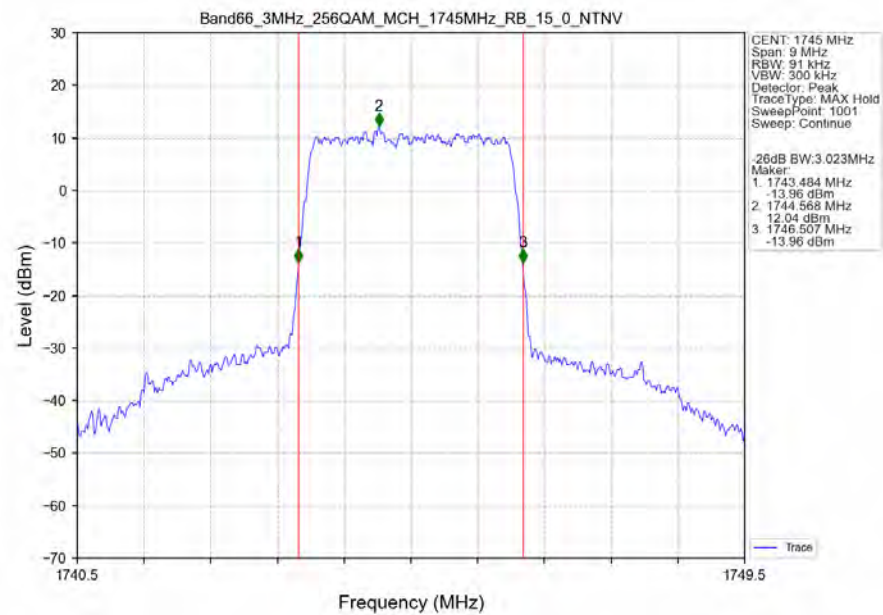
# Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



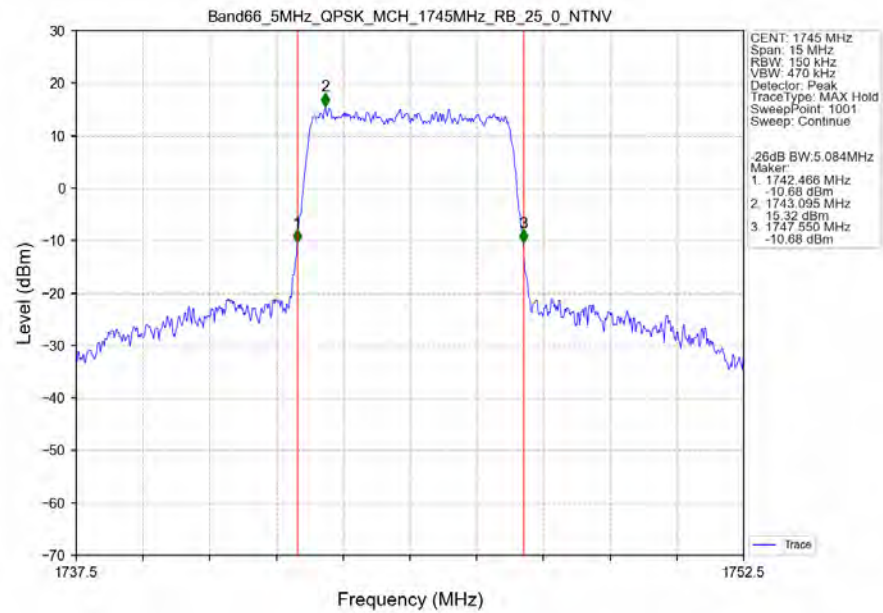
# Band66 3MHz 64QAM MCH 1745MHz RB 15 0 NTNV



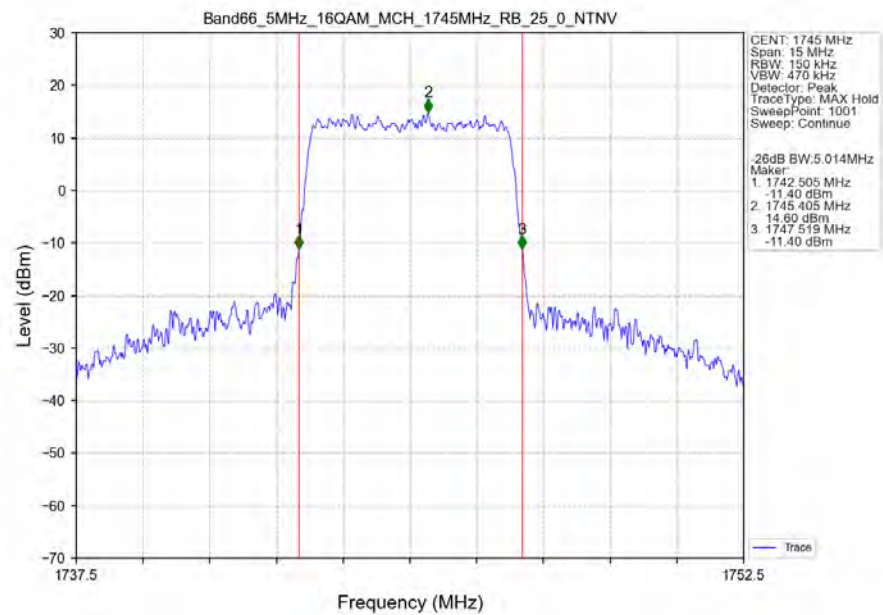
# Band66 3MHz 256QAM MCH 1745MHz RB 15 0 NTNV



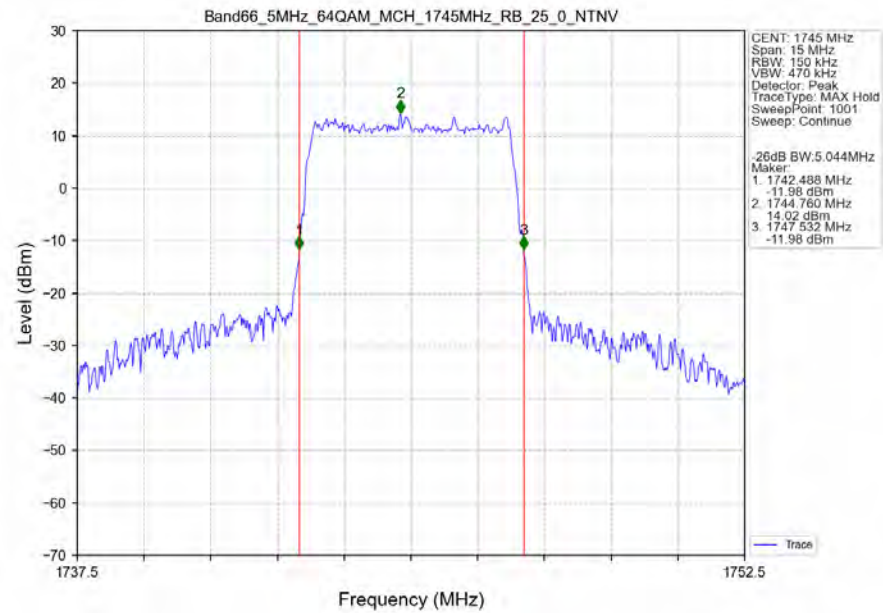
# Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTV



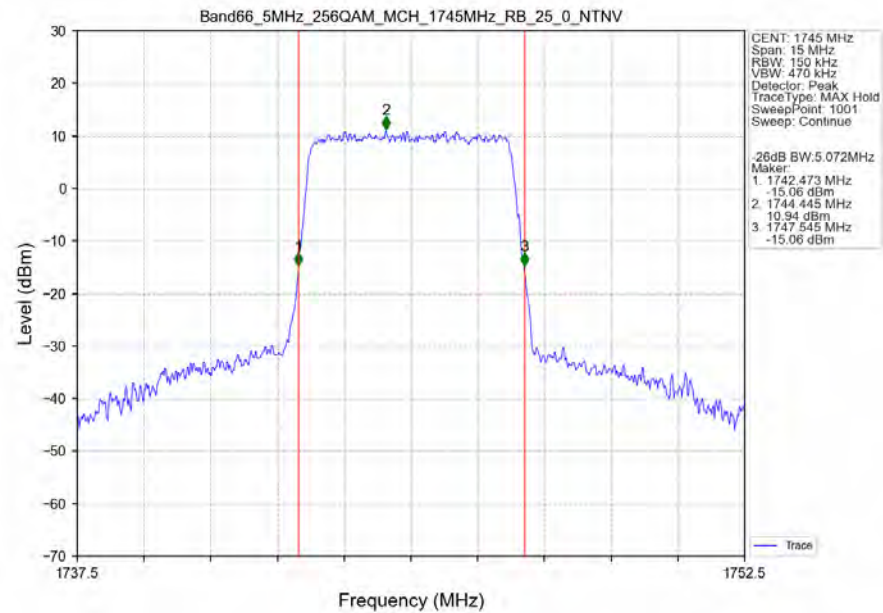
# Band66\_5MHz\_16QAM\_MCH\_1745MHz\_RB\_25\_0\_NTV



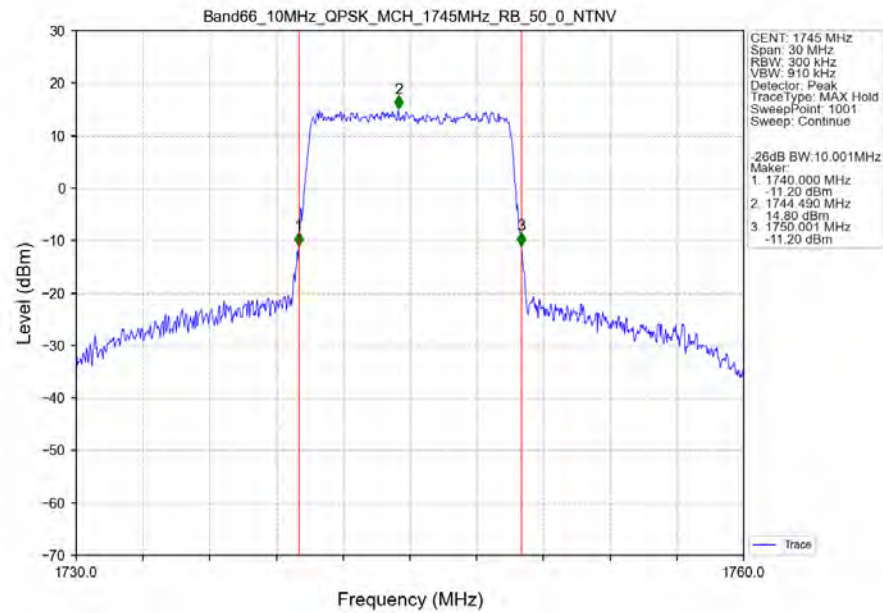
# Band66 5MHz 64QAM MCH 1745MHz RB 25 0 NTNV



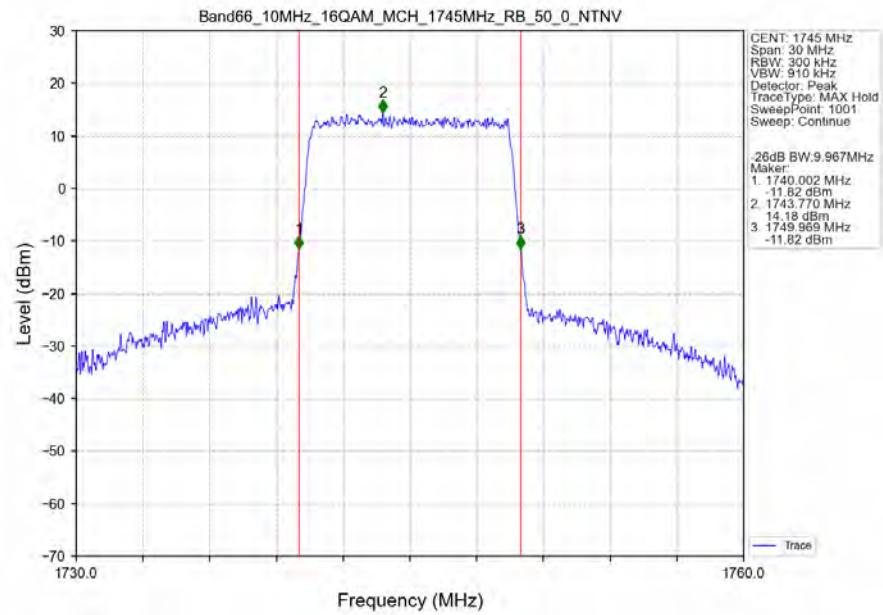
# Band66 5MHz 256QAM MCH 1745MHz RB 25 0 NTNV



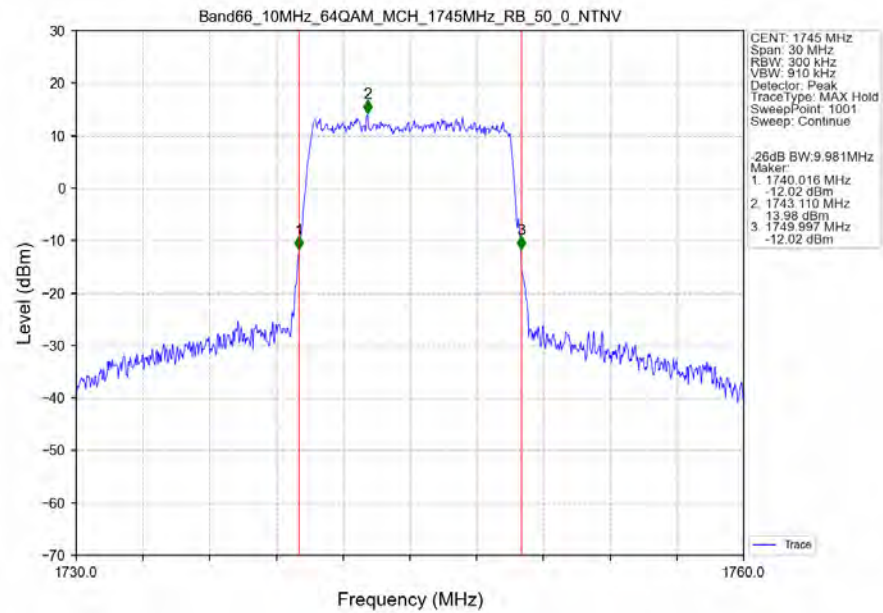
# Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_50\_0\_NTNV



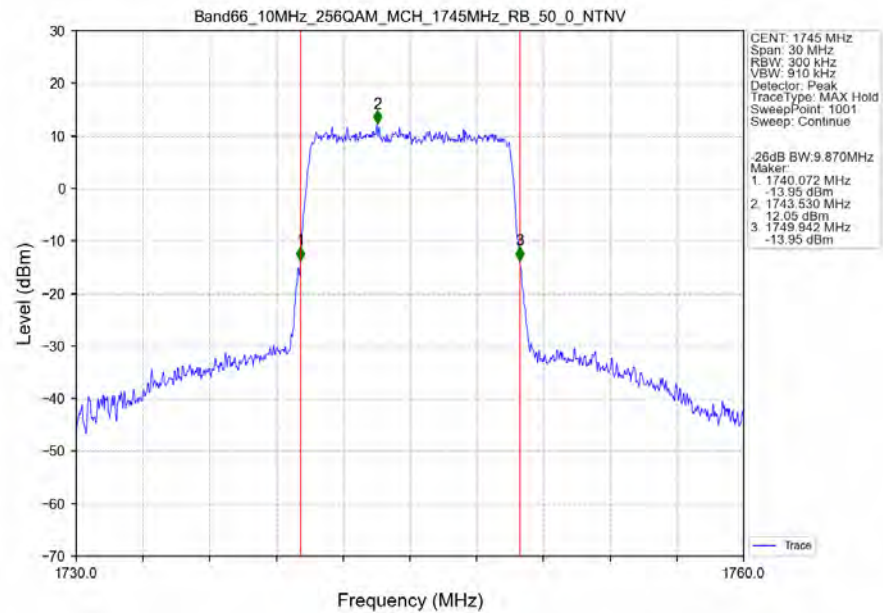
# Band66\_10MHz\_16QAM\_MCH\_1745MHz\_RB\_50\_0\_NTNV



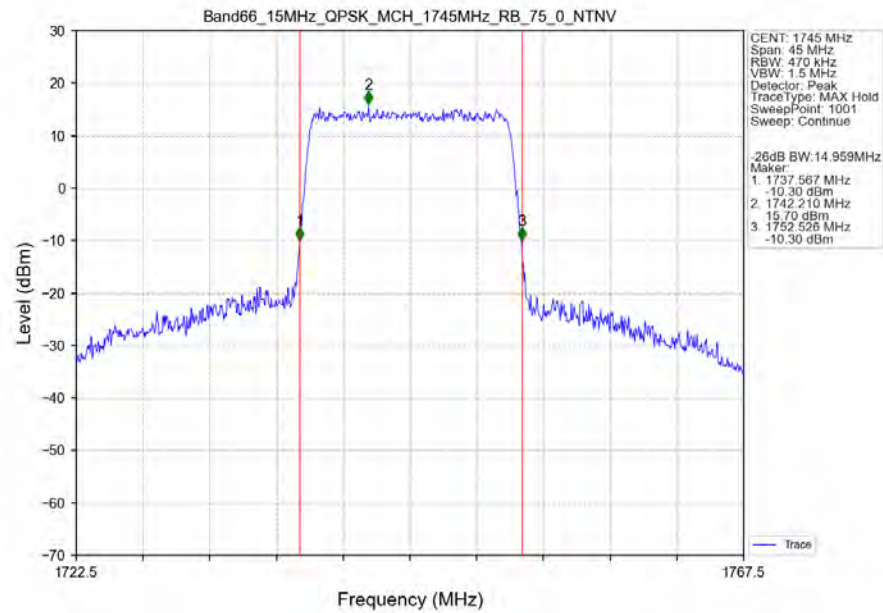
# Band66 10MHz 64QAM MCH 1745MHz RB 50 0 NTN



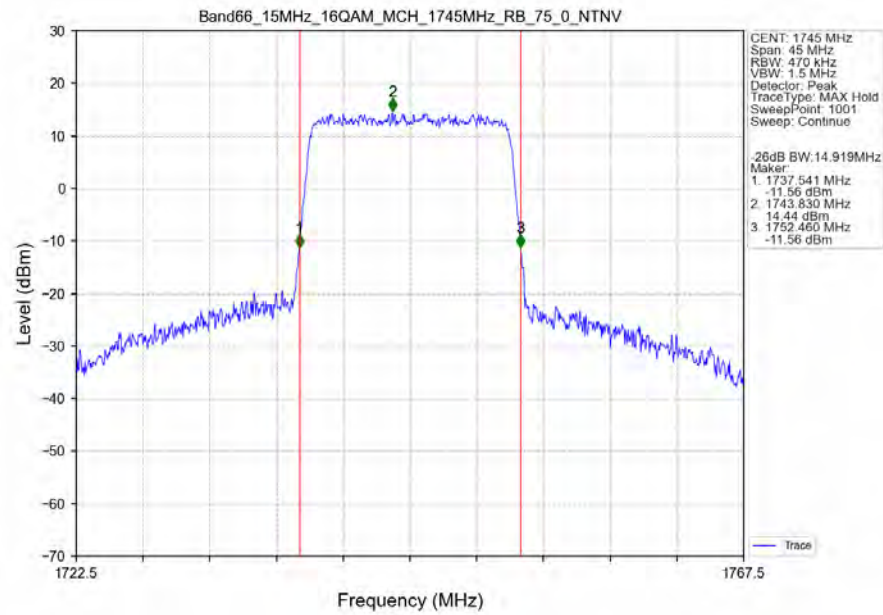
# Band66 10MHz 256QAM MCH 1745MHz RB 50 0 NTN



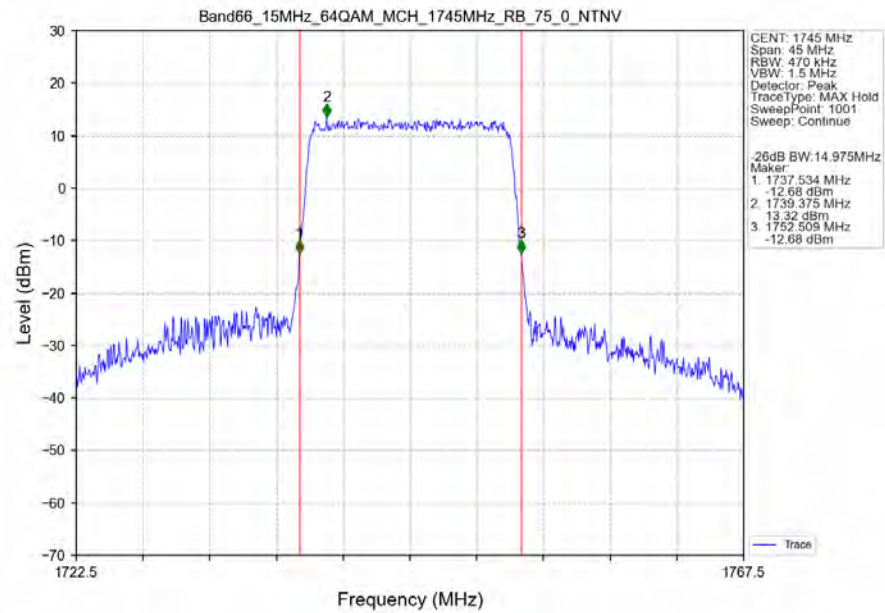
# Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_75\_0\_NTNV



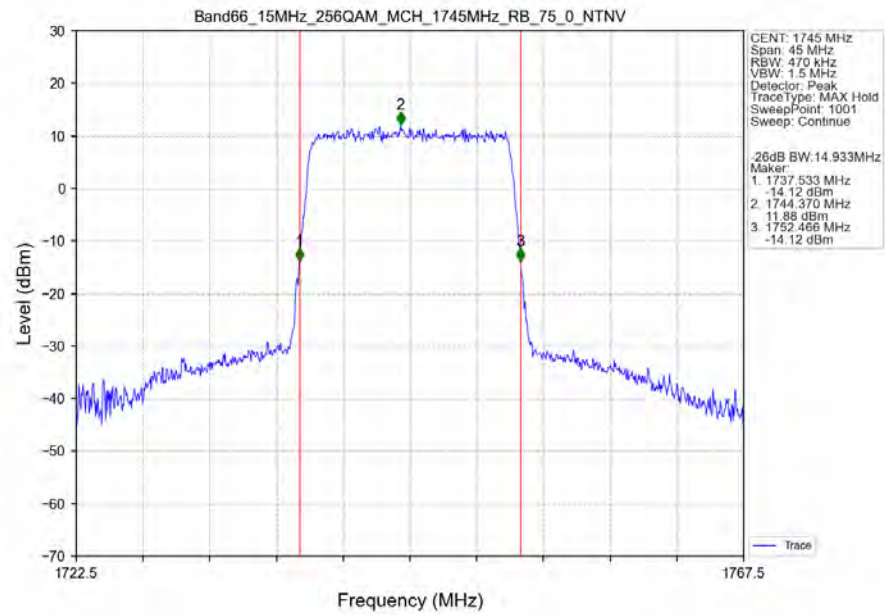
# Band66\_15MHz\_16QAM\_MCH\_1745MHz\_RB\_75\_0\_NTNV



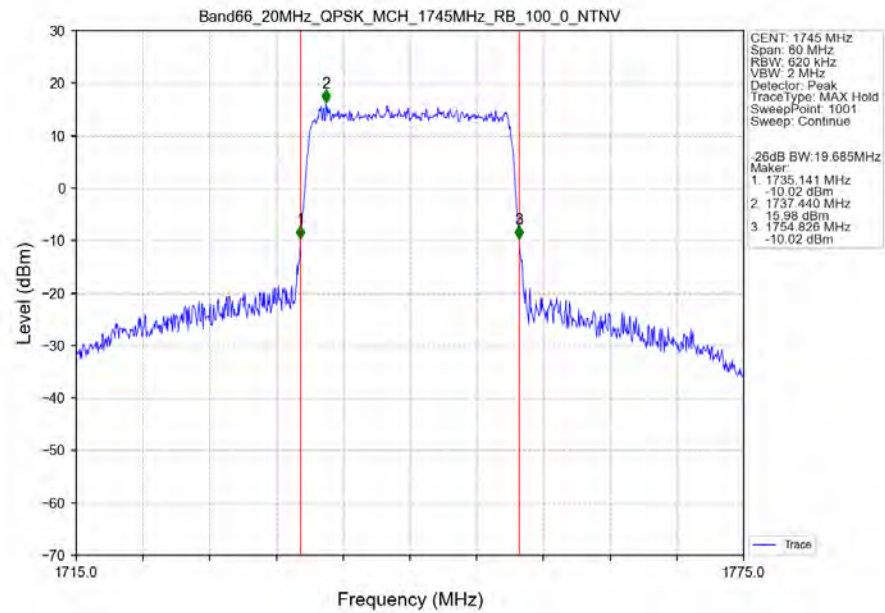
# Band66 15MHz 64QAM MCH 1745MHz RB 75 0 NTNV



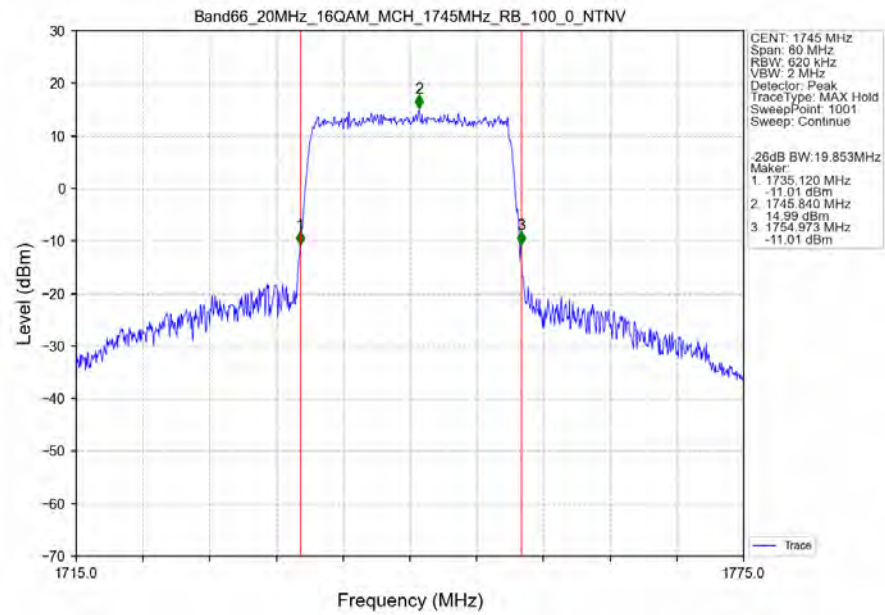
# Band66 15MHz 256QAM MCH 1745MHz RB 75 0 NTNV



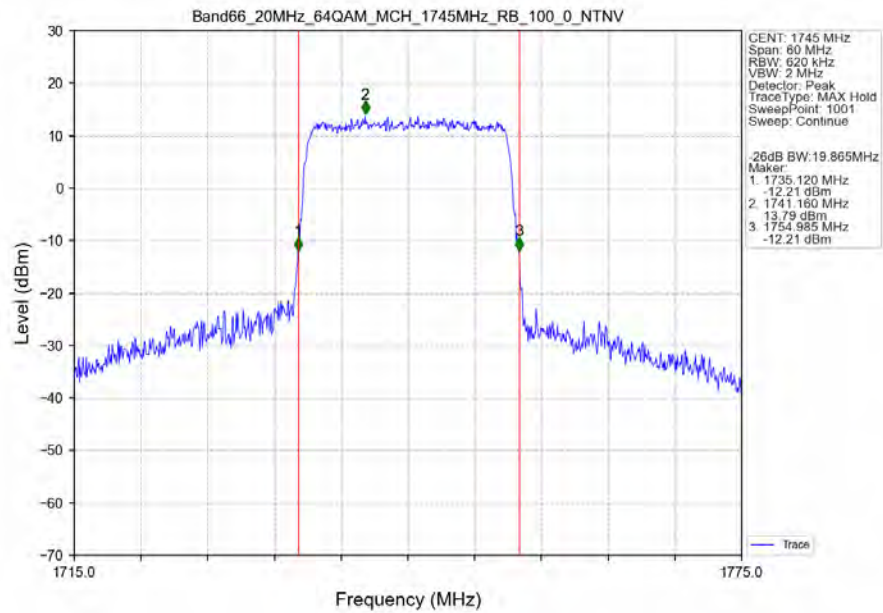
# Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



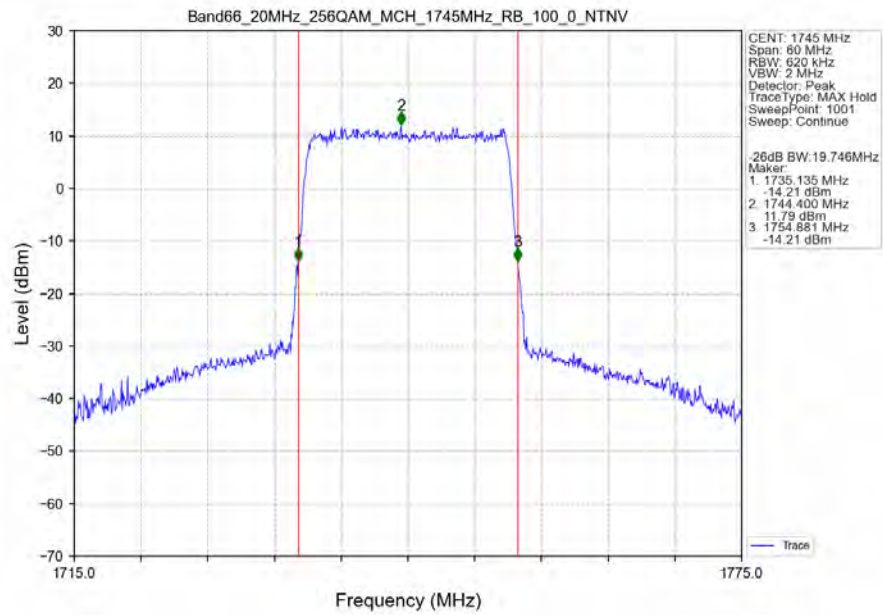
# Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTV



# Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTNV



# Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTNV



4. Peak-Average Ratio

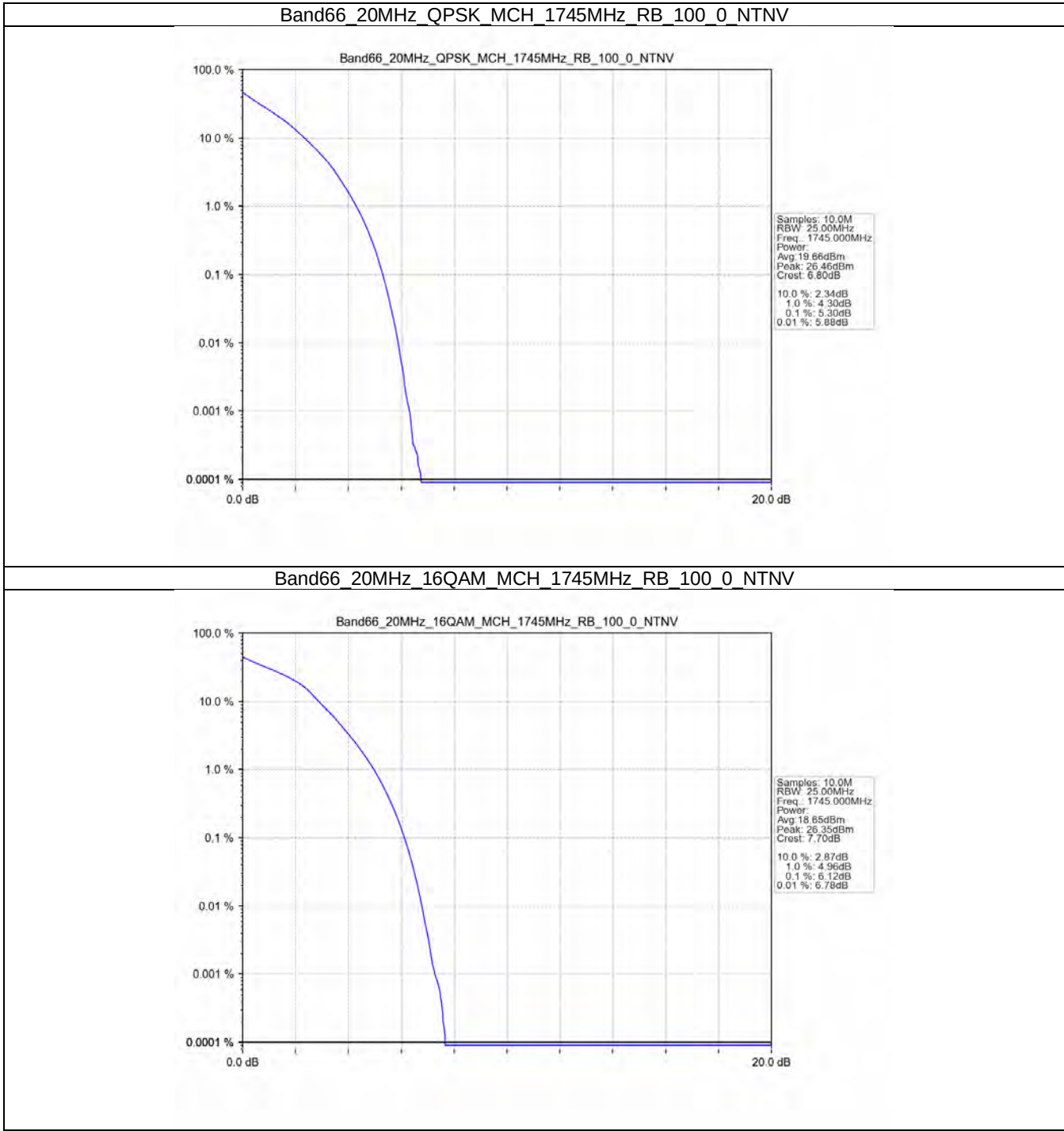
4.1 Test Result

4.1.1 B66\_20MHz

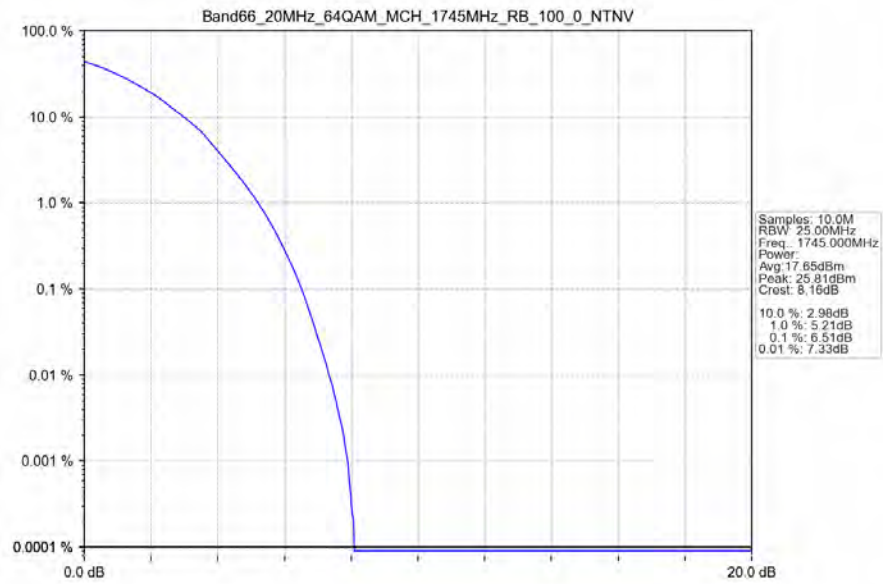
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                         |       |         |
|------------------------------------|-----------------|---------------|--------|-------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Peak-Average Ratio (dB) |       | Verdict |
|                                    |                 | Size          | Offset | Result                  | Limit |         |
| QPSK                               | 1745            | 100           | 0      | 5.30                    | <=13  | Pass    |
| 16QAM                              | 1745            | 100           | 0      | 6.12                    | <=13  | Pass    |
| 64QAM                              | 1745            | 100           | 0      | 6.51                    | <=13  | Pass    |
| 256QAM                             | 1745            | 100           | 0      | 6.79                    | <=13  | Pass    |

4.2 Test Graph

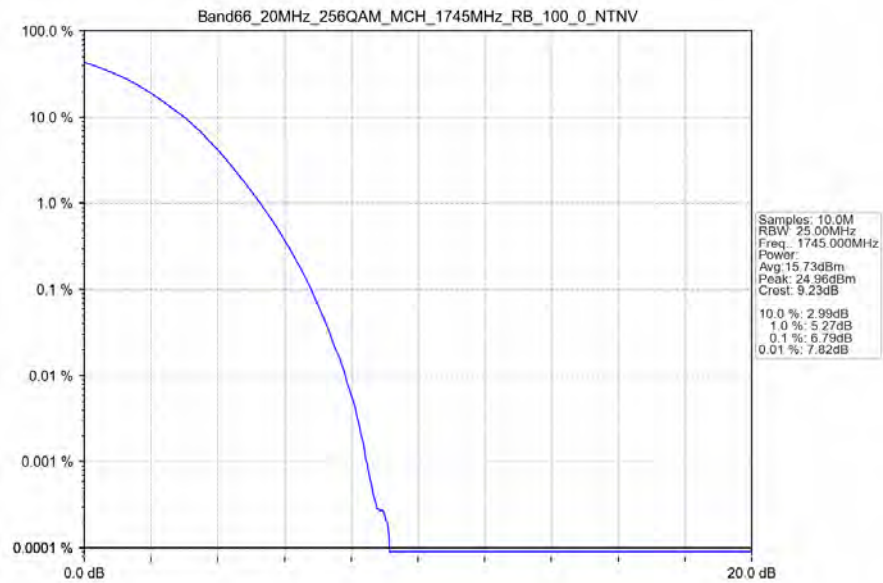
4.2.1 B66\_20MHz



Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTN



## 5. Spurious Emission

### 5.1 Test Result

#### 5.1.1 B66\_1.4MHz

| Band: 66 / Bandwidth: 1.4MHz / NTNV |                 |               |        |                     |       |         |
|-------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                          | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                     |                 | Size          | Offset | Result              | Limit |         |
| QPSK                                | 1710.7          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     | 1779.3          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                     |                 |               | 5      | Refer To Test Graph |       | Pass    |
|                                     |                 | 6             | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.2 B66\_3MHz

| Band: 66 / Bandwidth: 3MHz / NTVN |                 |               |        |                     |       |         |
|-----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                   |                 | Size          | Offset | Result              | Limit |         |
| QPSK                              | 1711.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   | 1778.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                   |                 |               | 14     | Refer To Test Graph |       | Pass    |
|                                   |                 | 15            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.3 B66\_5MHz

| Band: 66 / Bandwidth: 5MHz / NTV |                 |               |        |                     |       |         |
|----------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                  |                 | Size          | Offset | Result              | Limit |         |
| QPSK                             | 1712.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  | 1777.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                  |                 |               | 24     | Refer To Test Graph |       | Pass    |
|                                  |                 | 25            | 0      | Refer To Test Graph |       | Pass    |

#### 5.1.4 B66\_10MHz

| Band: 66 / Bandwidth: 10MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1715            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1775            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 49     | Refer To Test Graph |       | Pass    |
|                                    |                 | 50            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.5 B66\_15MHz

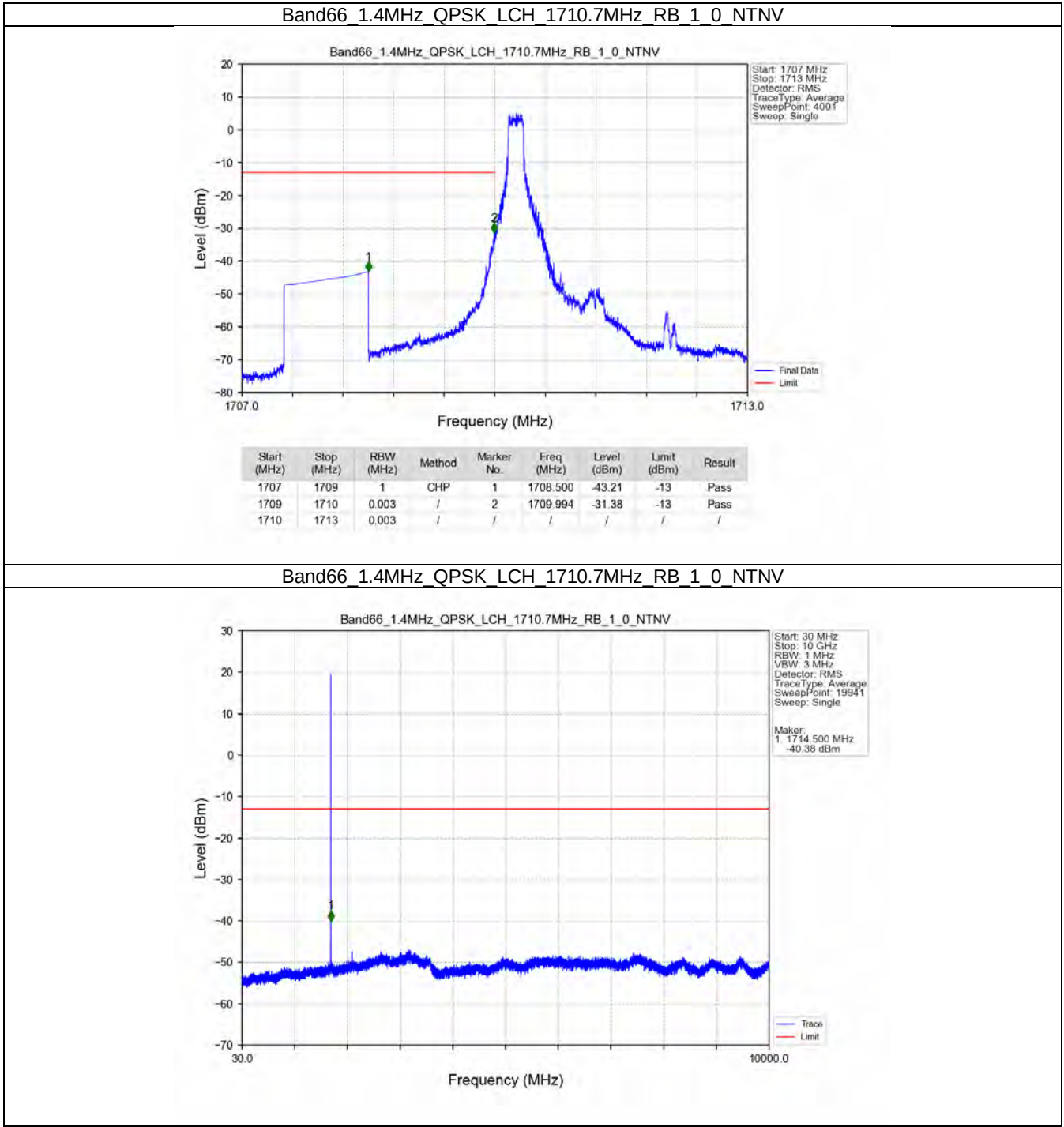
| Band: 66 / Bandwidth: 15MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1717.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1772.5          | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 74     | Refer To Test Graph |       | Pass    |
|                                    |                 | 75            | 0      | Refer To Test Graph |       | Pass    |

### 5.1.6 B66\_20MHz

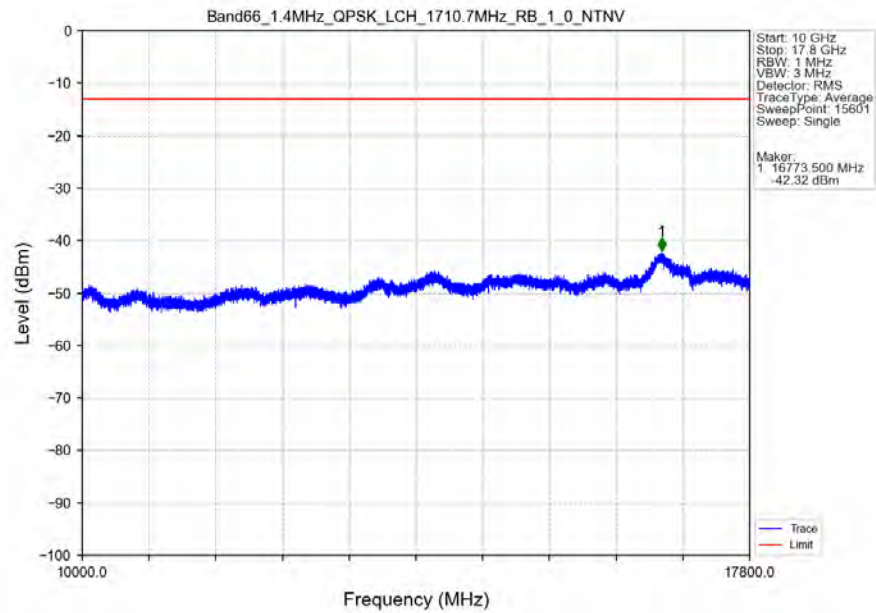
| Band: 66 / Bandwidth: 20MHz / NTNV |                 |               |        |                     |       |         |
|------------------------------------|-----------------|---------------|--------|---------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Spurious Emission   |       | Verdict |
|                                    |                 | Size          | Offset | Result              | Limit |         |
| QPSK                               | 1720            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1745            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    | 1770            | 1             | 0      | Refer To Test Graph |       | Pass    |
|                                    |                 |               | 99     | Refer To Test Graph |       | Pass    |
|                                    |                 | 100           | 0      | Refer To Test Graph |       | Pass    |

5.2 Test Graph

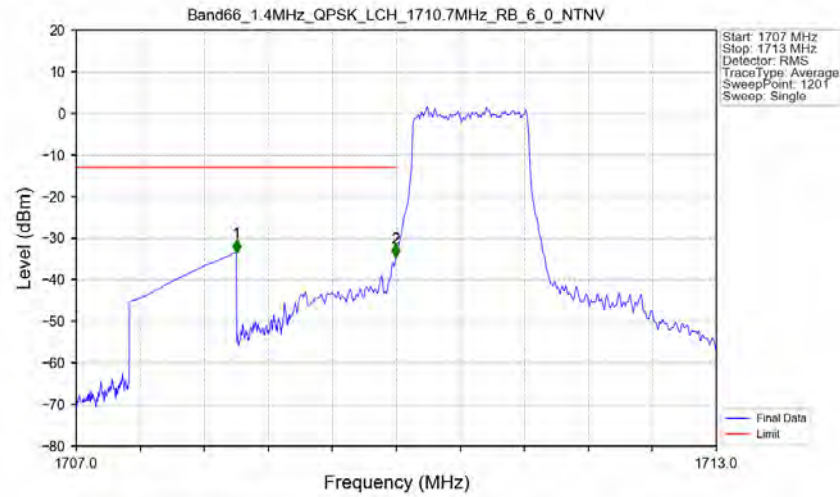
5.2.1 B66\_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

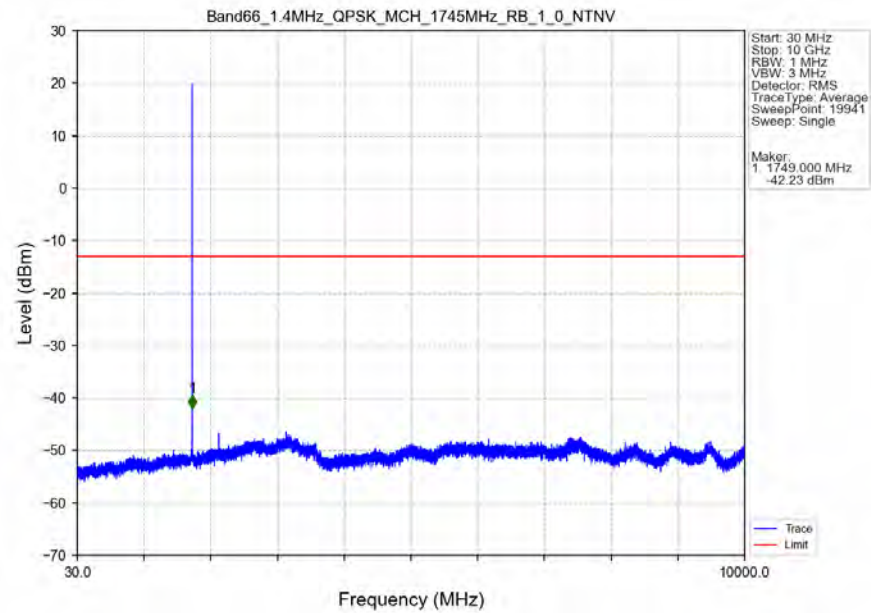


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

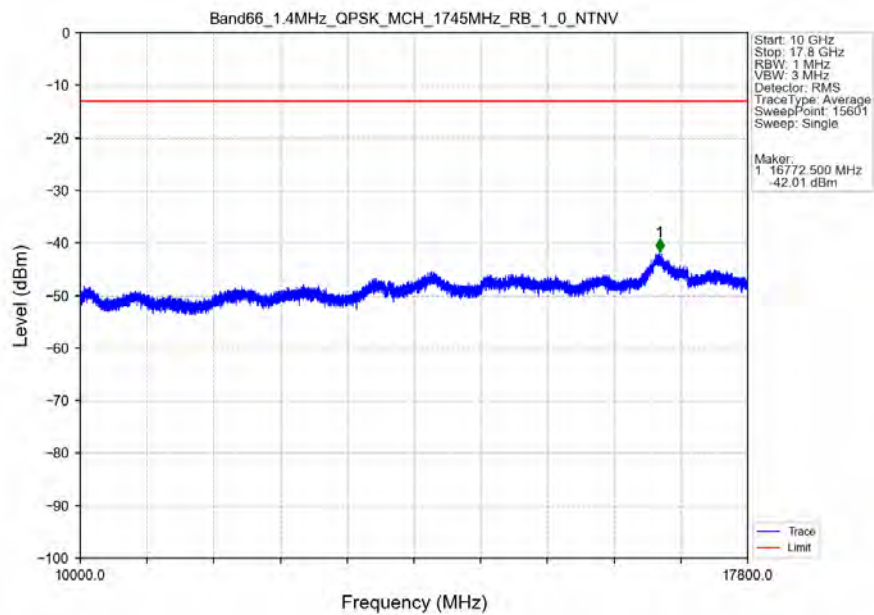


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.500   | -33.41      | -13         | Pass   |
| 1709        | 1710       | 0.013     | CHP    | 2          | 1709.995   | -34.62      | -13         | Pass   |
| 1710        | 1713       | 0.013     | CHP    | /          | /          | /           | /           | /      |

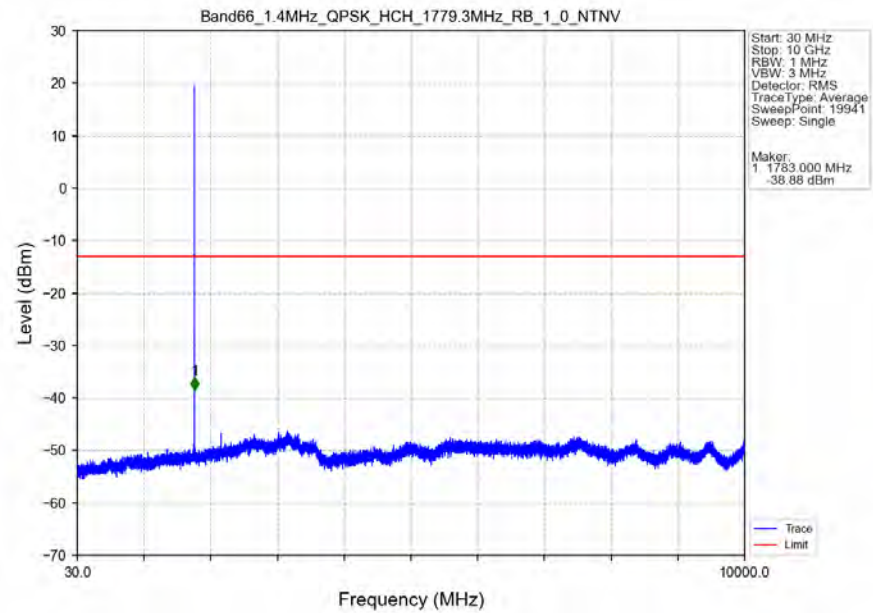
# Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTN



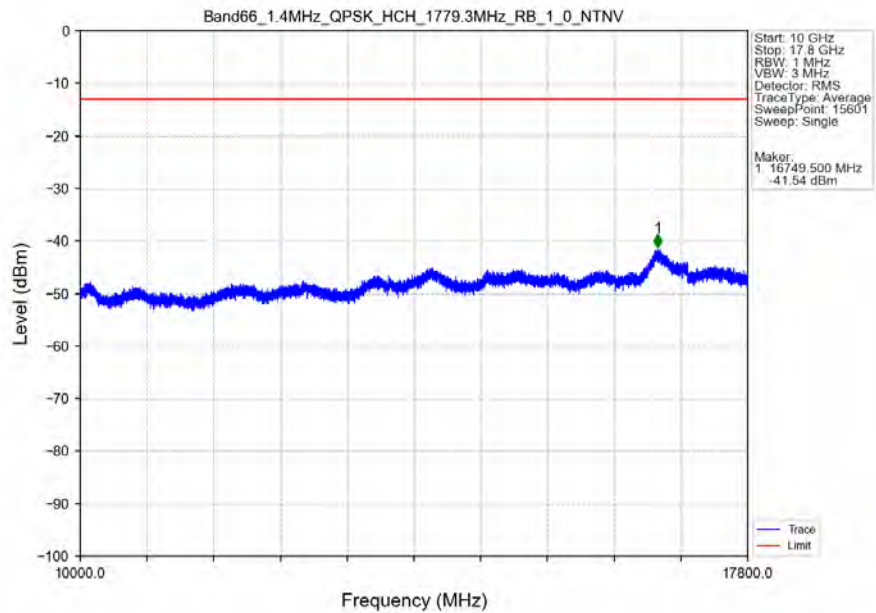
# Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTN



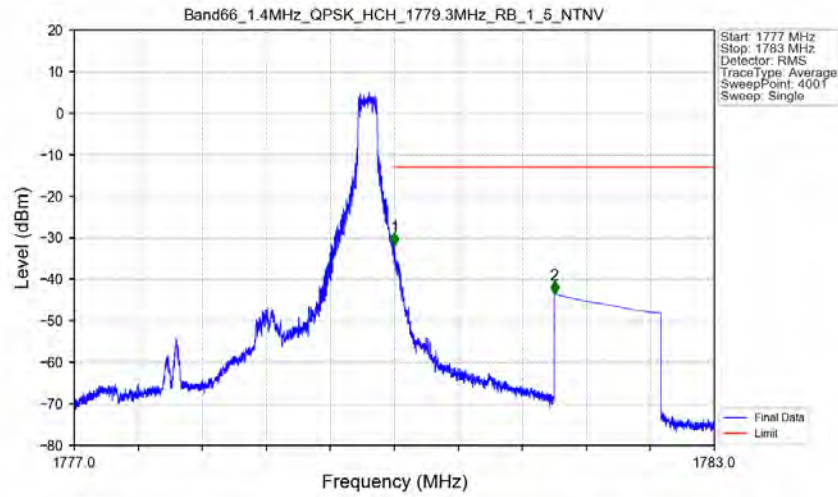
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

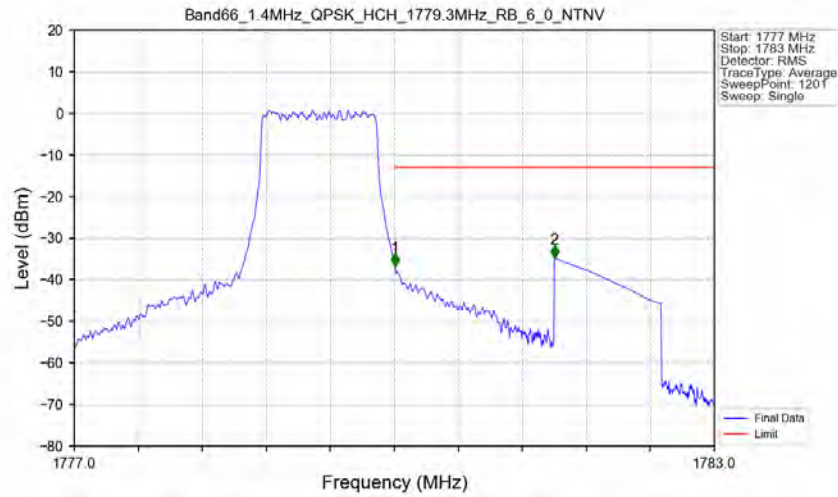


# Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



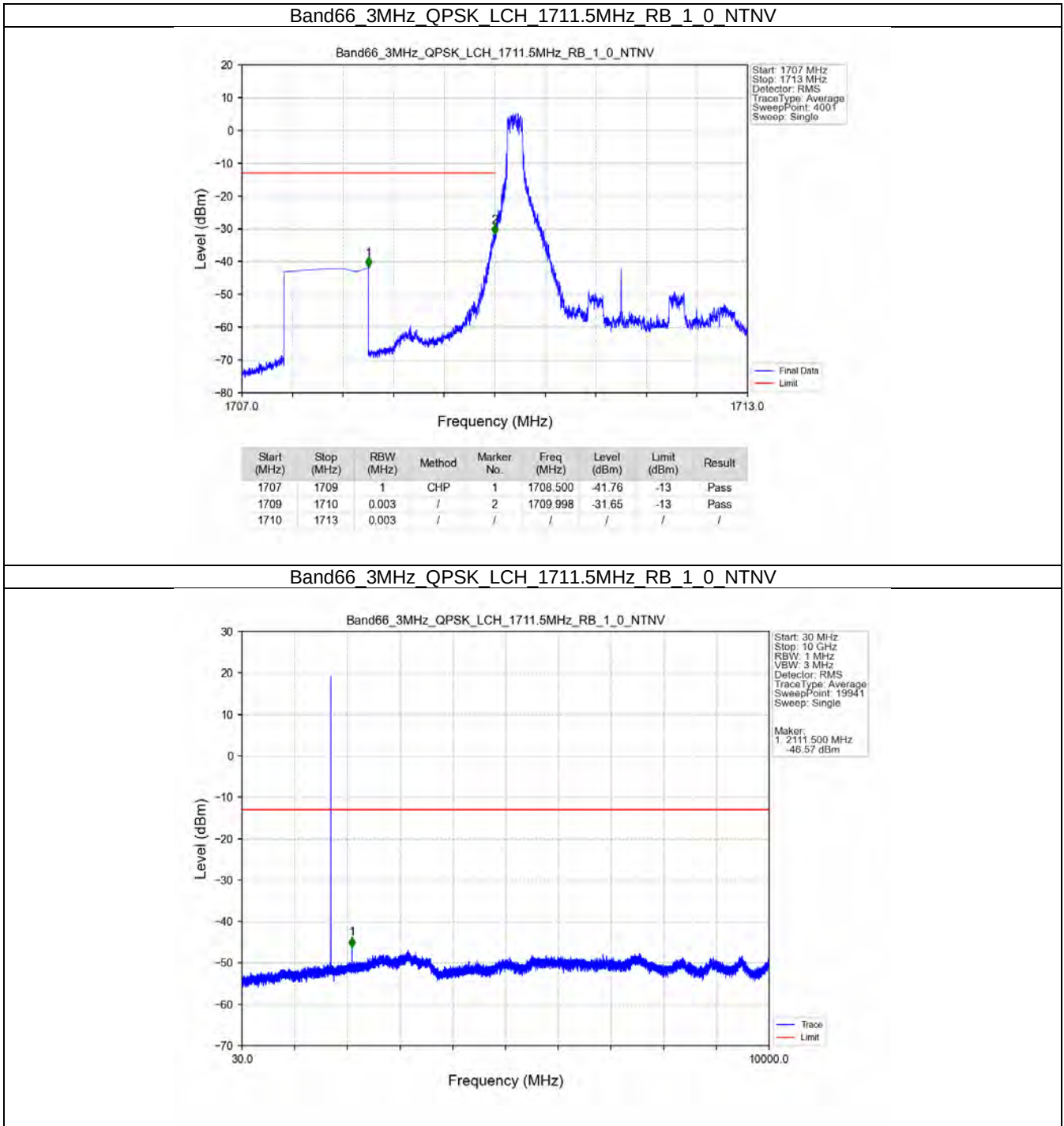
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.003   | -31.78      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -43.54      | -13         | Pass   |

# Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

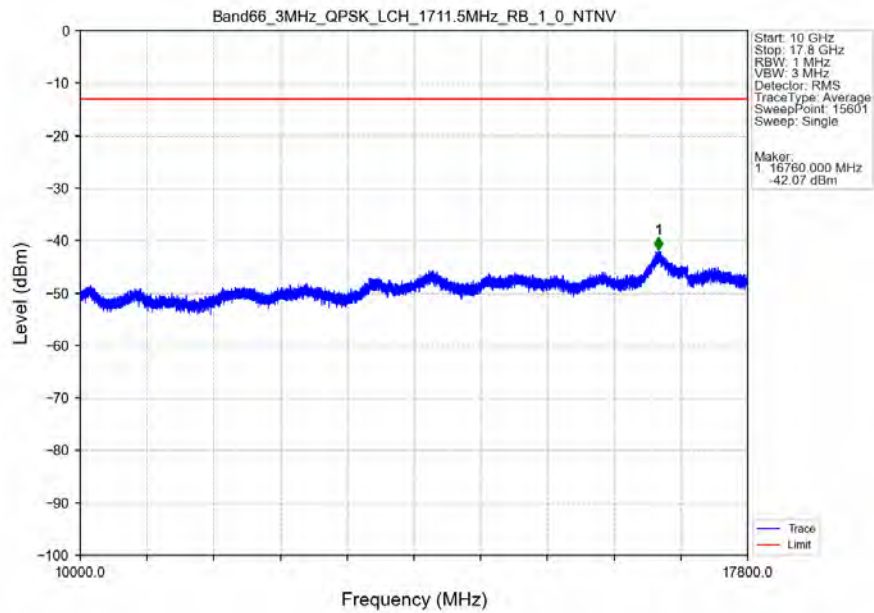


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.013     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.013     | CHP    | 1          | 1780.005   | -36.73      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -34.79      | -13         | Pass   |

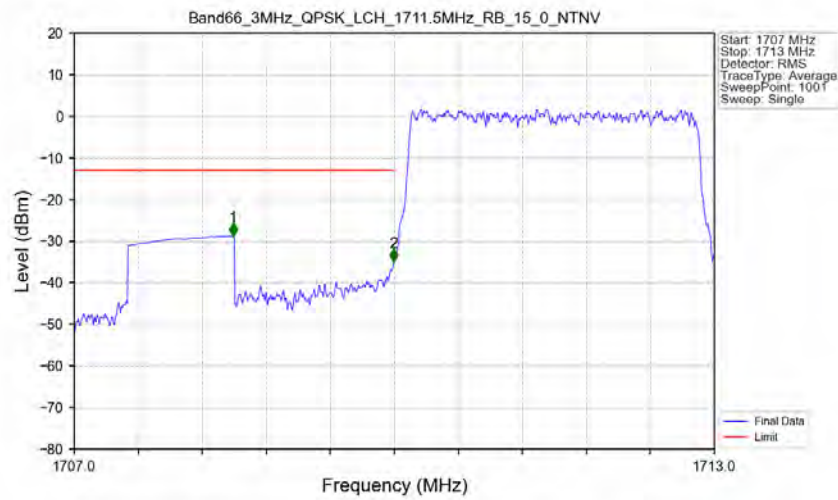
5.2.2 B66\_3MHz



# Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTV

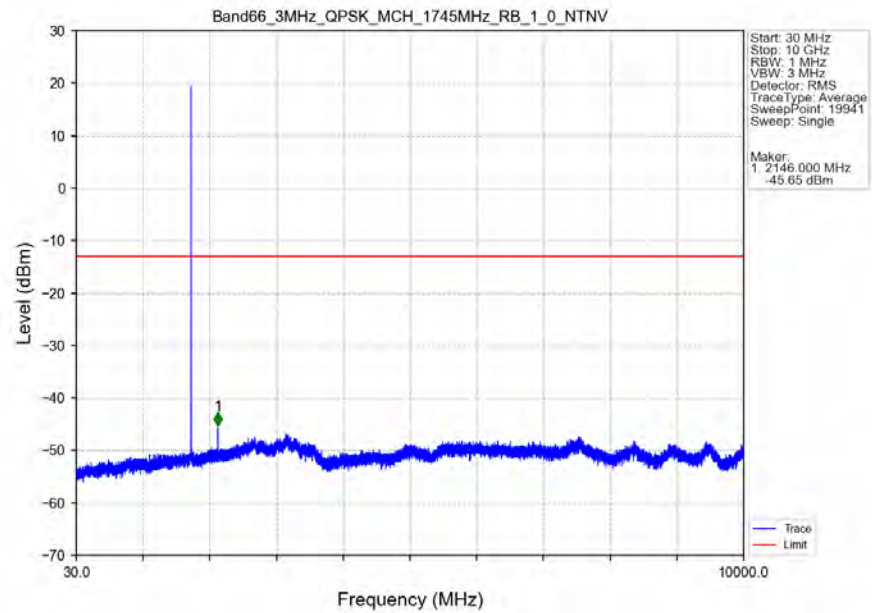


# Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTV

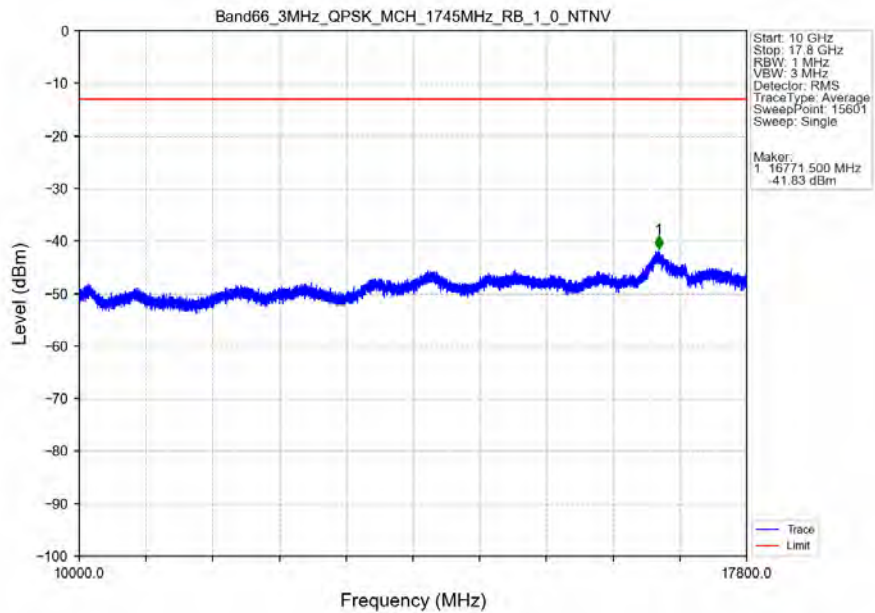


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1707        | 1709       | 1         | CHP    | 1          | 1708.488   | -28.79      | -13         | Pass   |
| 1709        | 1710       | 0.03      | /      | 2          | 1709.994   | -34.95      | -13         | Pass   |
| 1710        | 1713       | 0.03      | /      | /          | /          | /           | /           | /      |

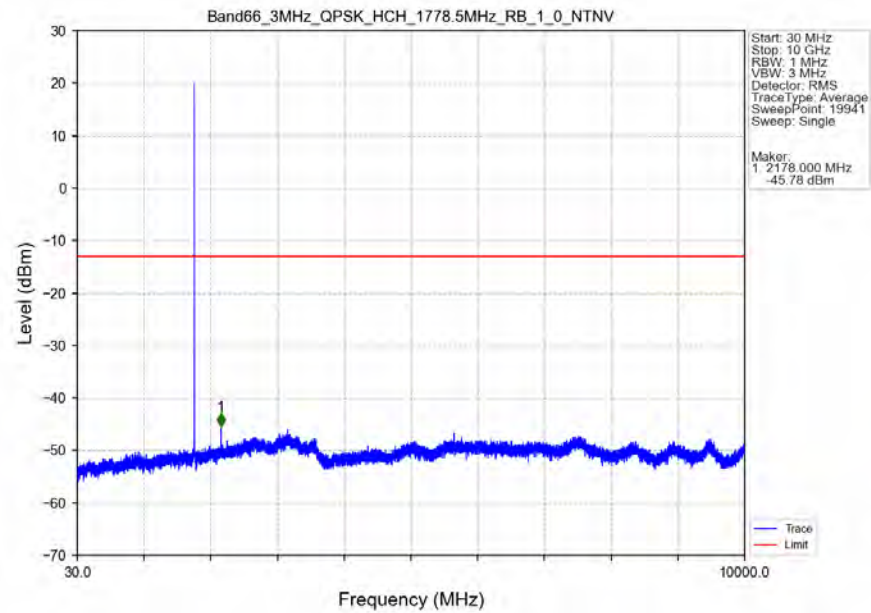
# Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



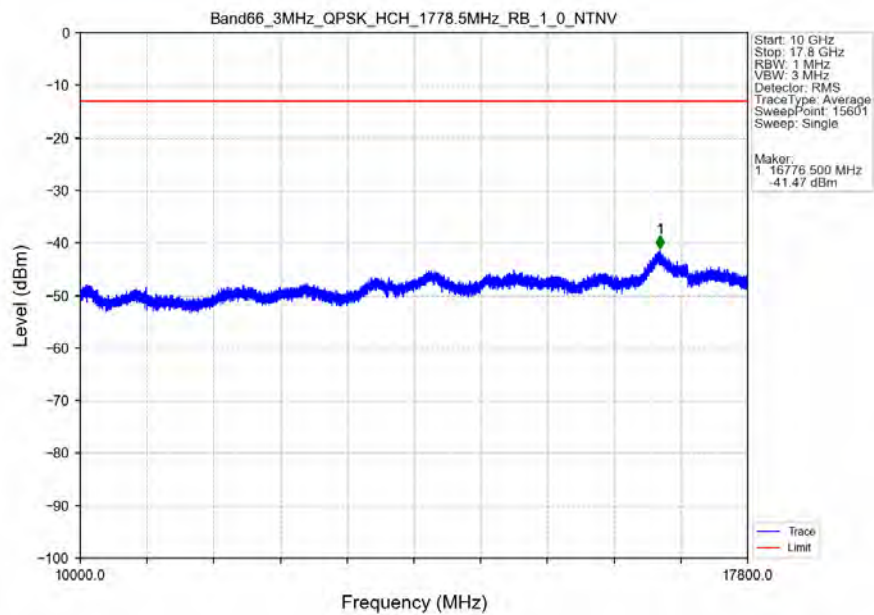
# Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



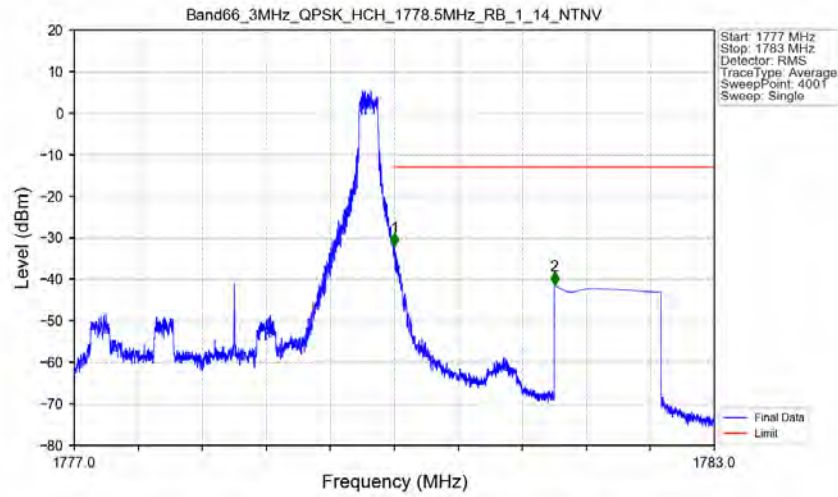
Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV



Band66\_3MHz\_QPSK\_HCH\_1778.5MHz\_RB\_1\_0\_NTNV

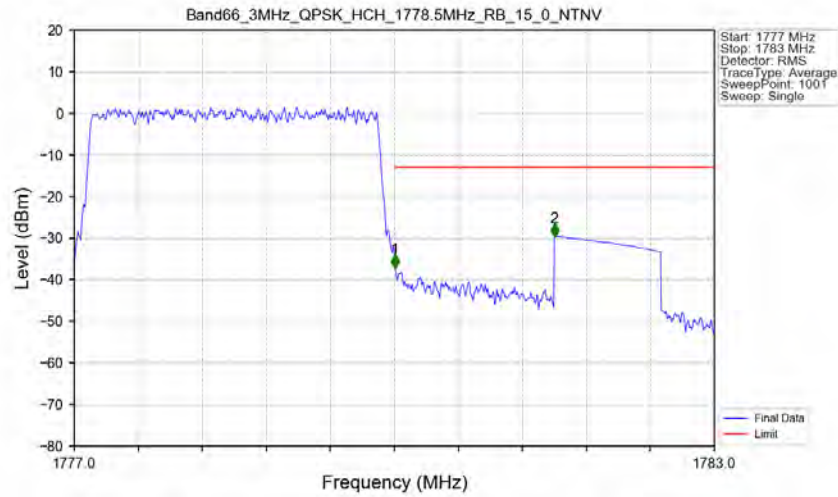


# Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



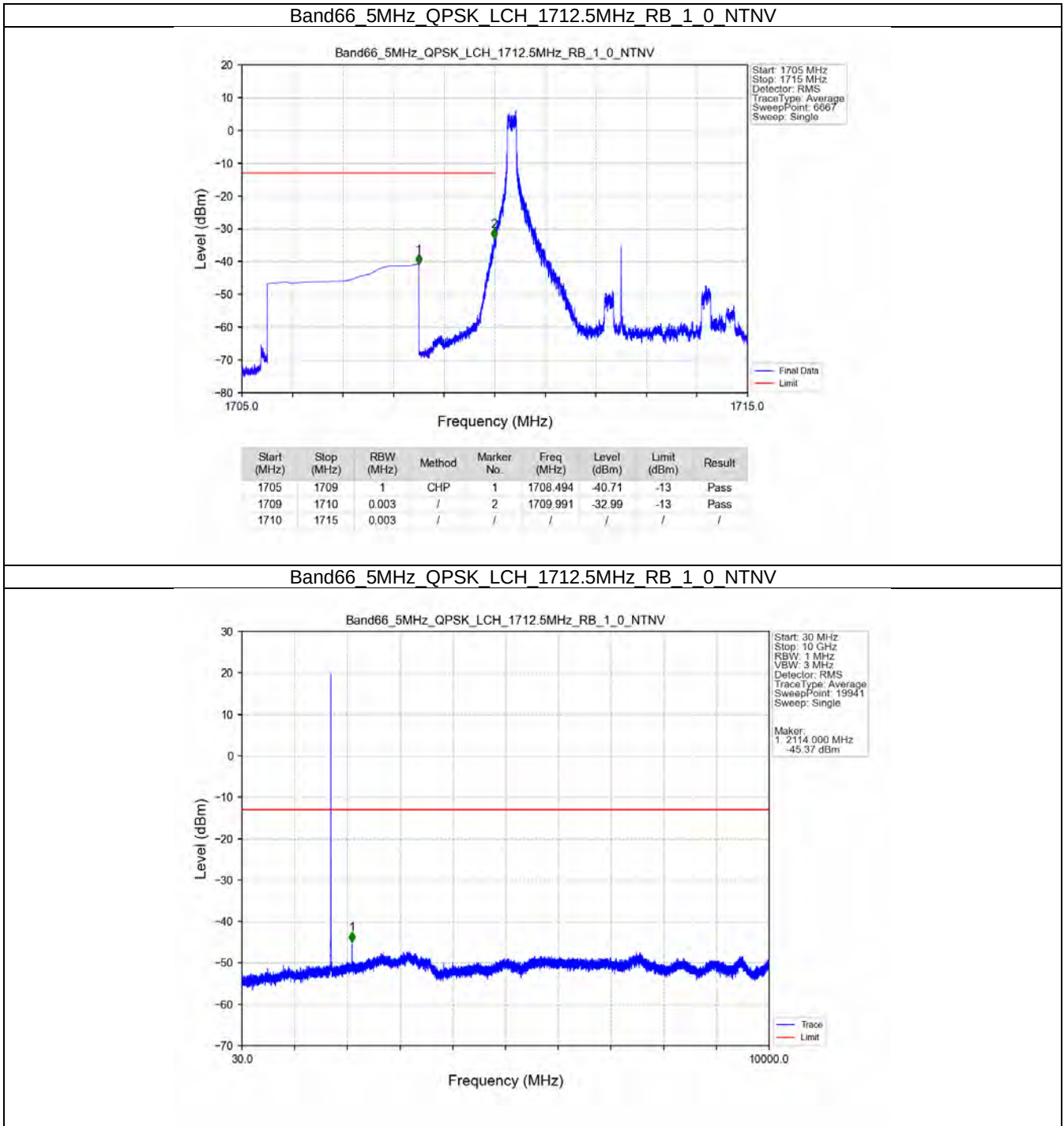
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.002   | -32.03      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -41.40      | -13         | Pass   |

# Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV

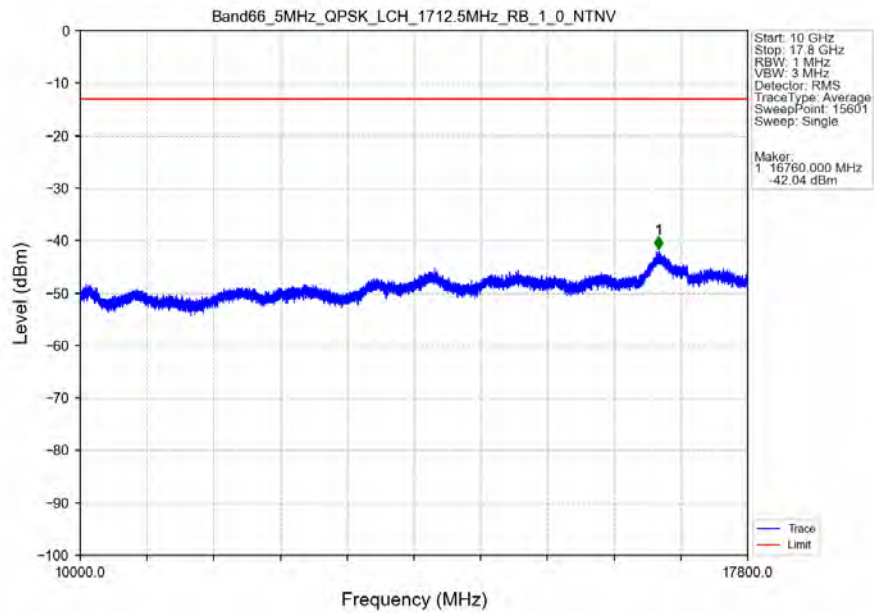


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1777        | 1780       | 0.03      | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.03      | /      | 1          | 1780.006   | -37.19      | -13         | Pass   |
| 1781        | 1783       | 1         | CHP    | 2          | 1781.500   | -29.60      | -13         | Pass   |

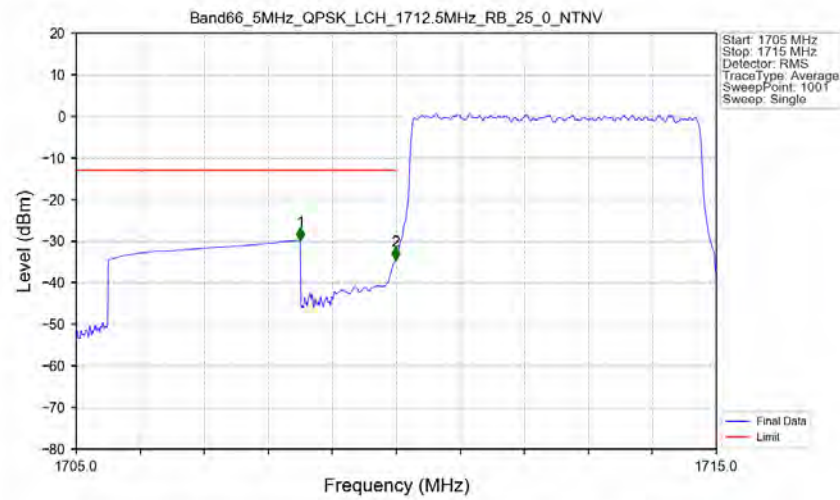
5.2.3 B66\_5MHz



# Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTV

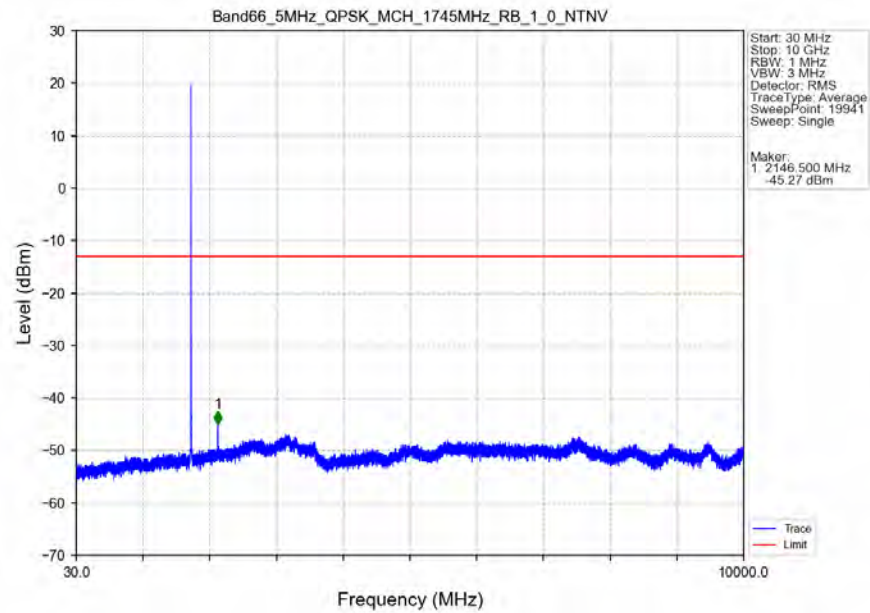


# Band66\_5MHz\_QPSK\_LCH\_1712.5MHz\_RB\_25\_0\_NTV

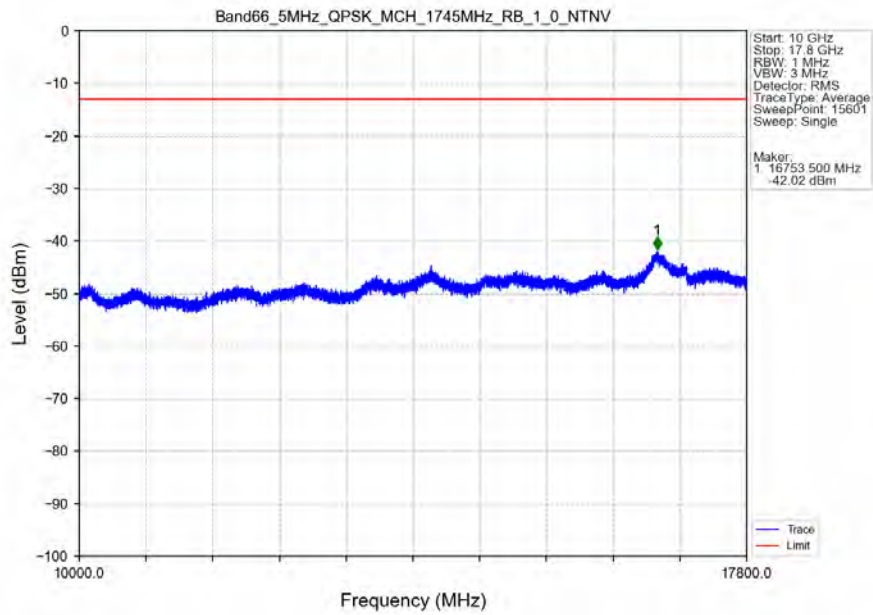


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1705        | 1709       | 1         | CHP    | 1          | 1708.500   | -29.81      | -13         | Pass   |
| 1709        | 1710       | 0.05      | CHP    | 2          | 1709.990   | -34.63      | -13         | Pass   |
| 1710        | 1715       | 0.05      | CHP    | /          | /          | /           | /           | /      |

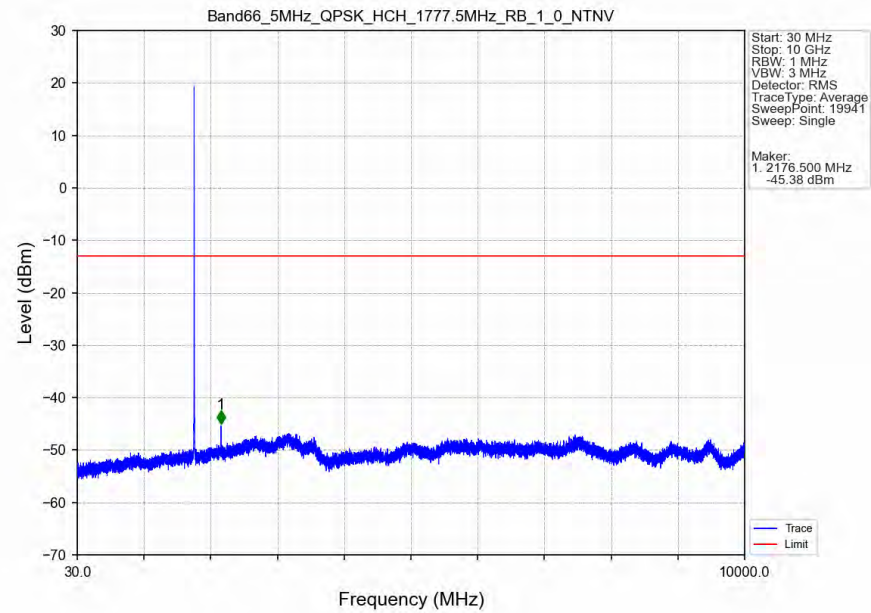
# Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



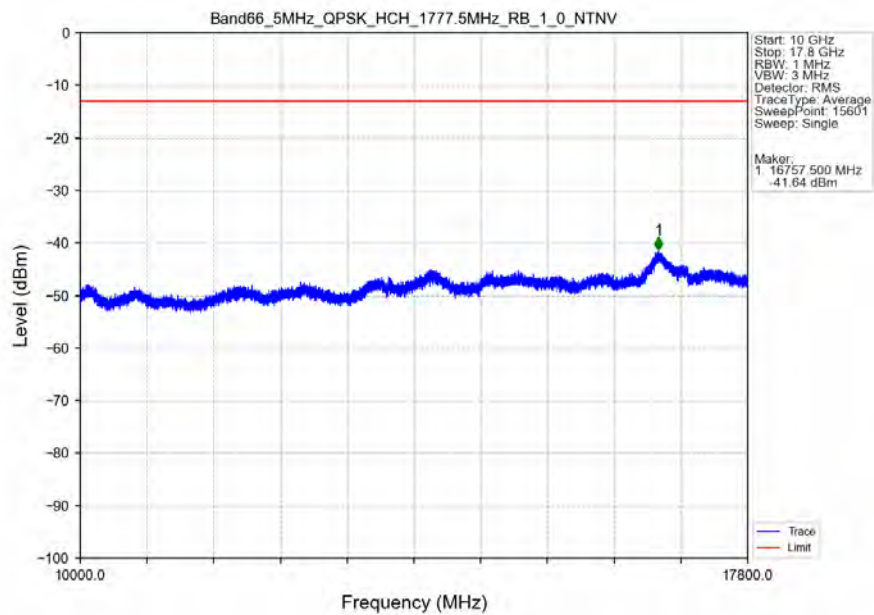
# Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



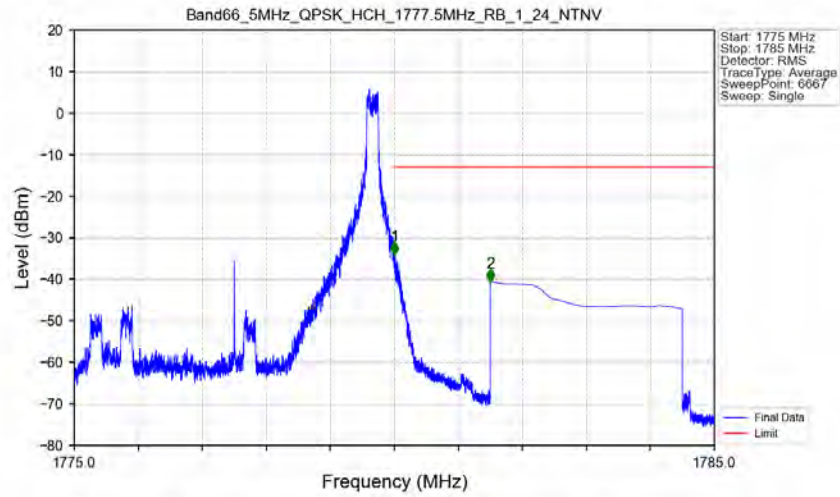
# Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN



# Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTN

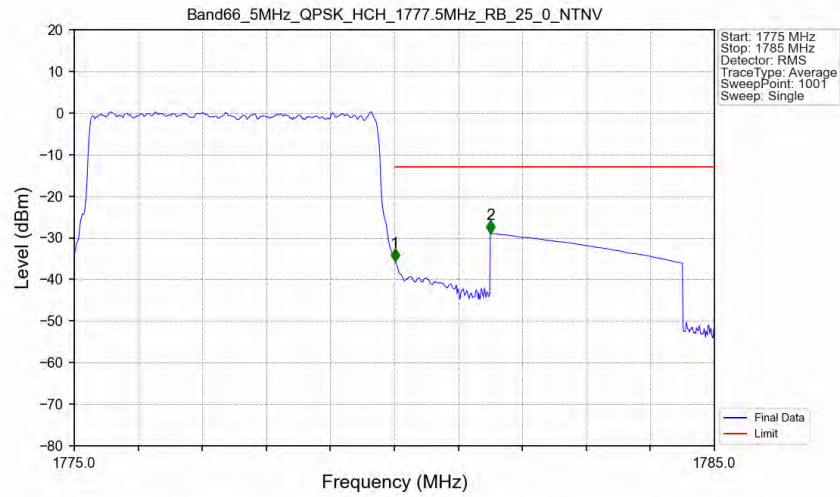


# Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



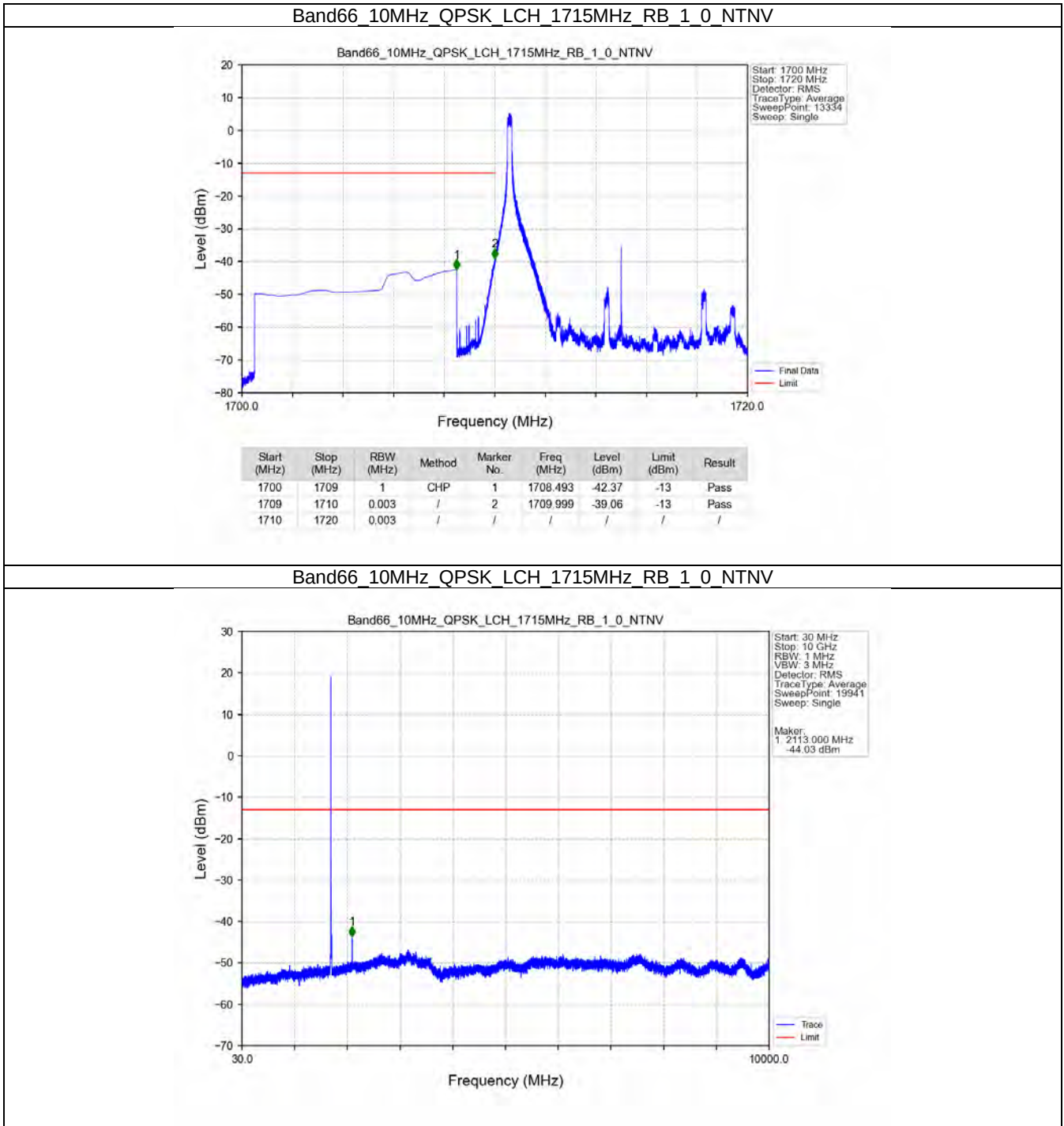
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1775        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.002   | -33.99      | -13         | Pass   |
| 1781        | 1785       | 1         | CHP    | 2          | 1781.500   | -40.53      | -13         | Pass   |

# Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV

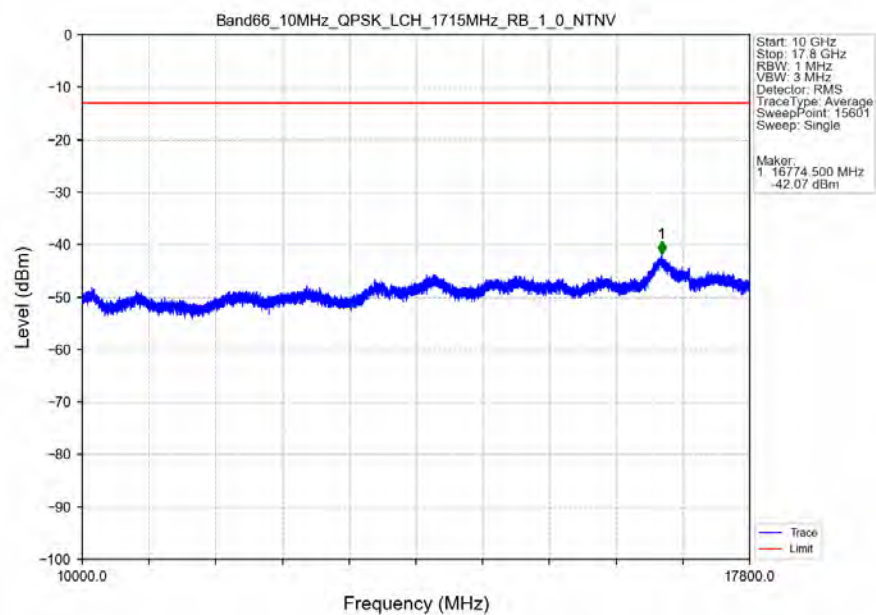


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1775        | 1780       | 0.051     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.051     | CHP    | 1          | 1780.010   | -35.70      | -13         | Pass   |
| 1781        | 1785       | 1         | CHP    | 2          | 1781.500   | -28.95      | -13         | Pass   |

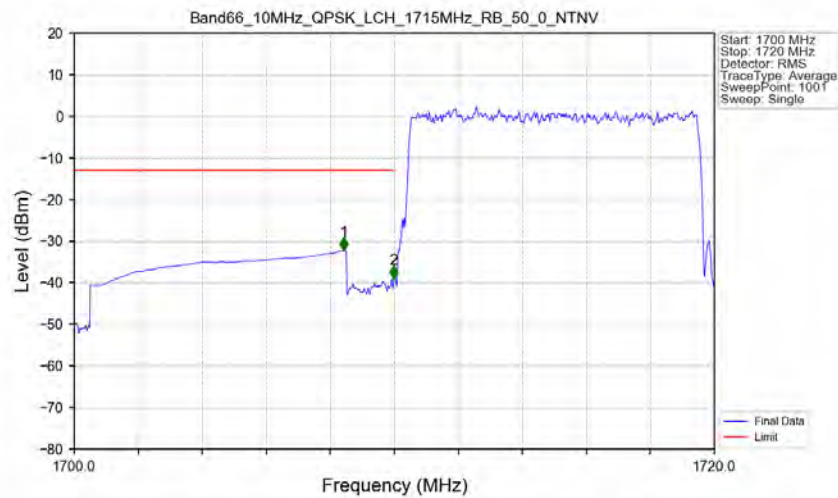
5.2.4 B66\_10MHz



Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_1\_0\_NTNV

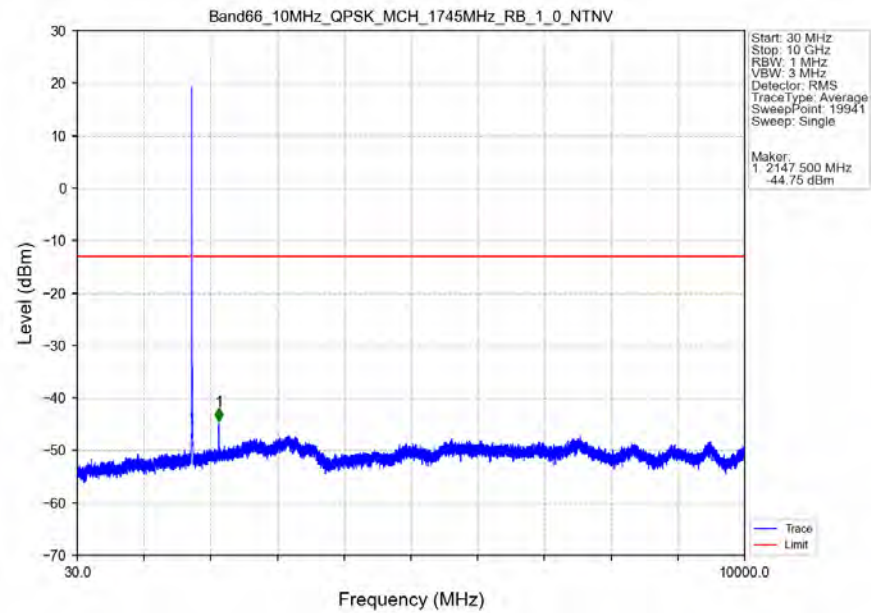


Band66\_10MHz\_QPSK\_LCH\_1715MHz\_RB\_50\_0\_NTNV

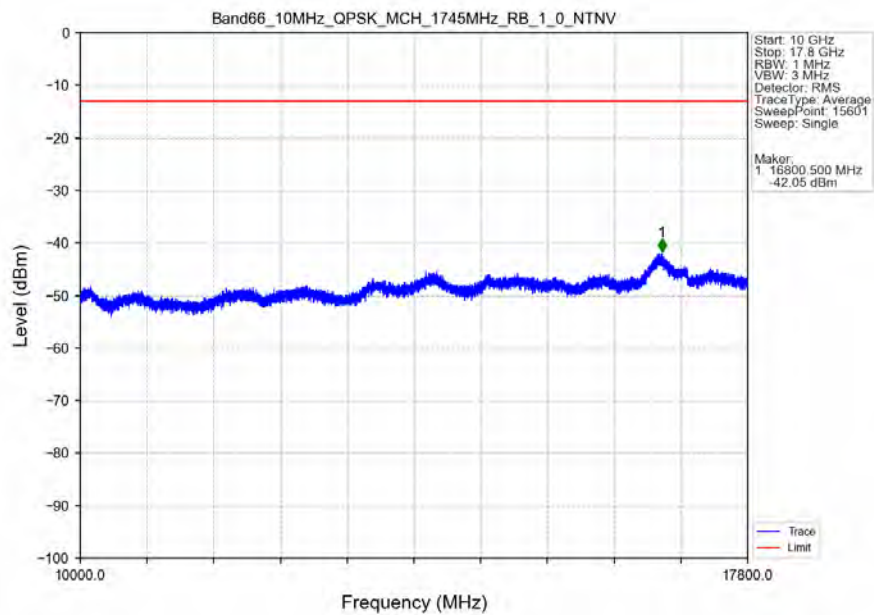


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1700        | 1709       | 1         | CHP    | 1          | 1708.420   | -32.27      | -13         | Pass   |
| 1709        | 1710       | 0.1       | /      | 2          | 1709.980   | -39.02      | -13         | Pass   |
| 1710        | 1720       | 0.1       | /      | /          | /          | /           | /           | /      |

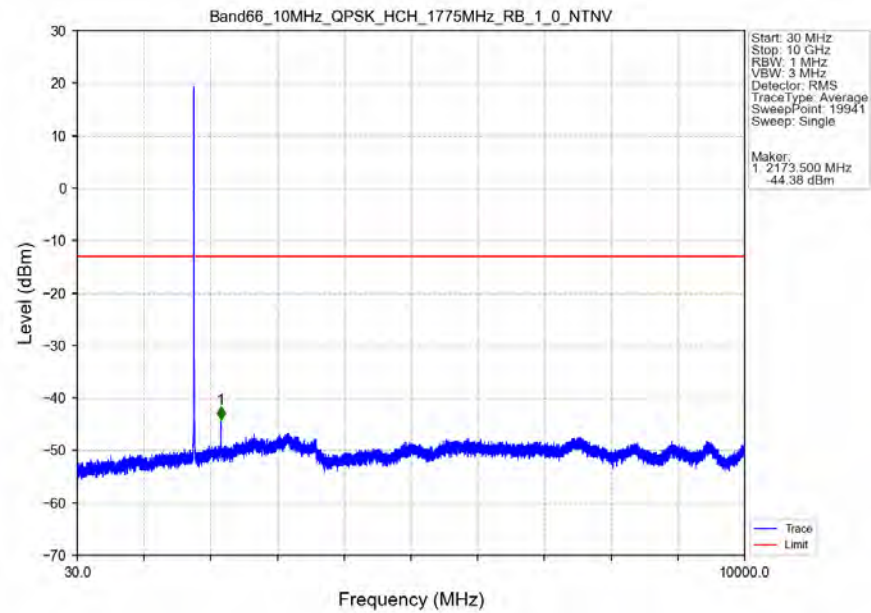
# Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



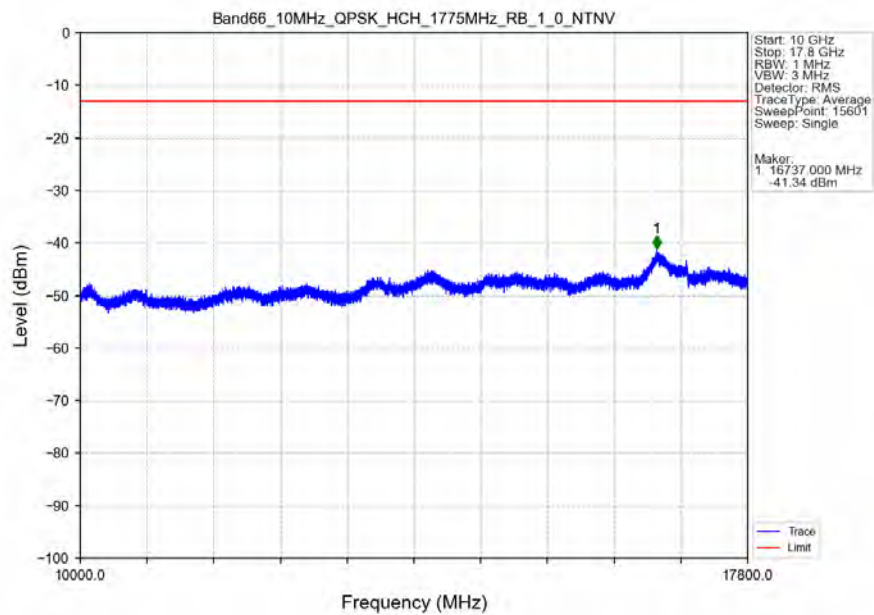
# Band66\_10MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



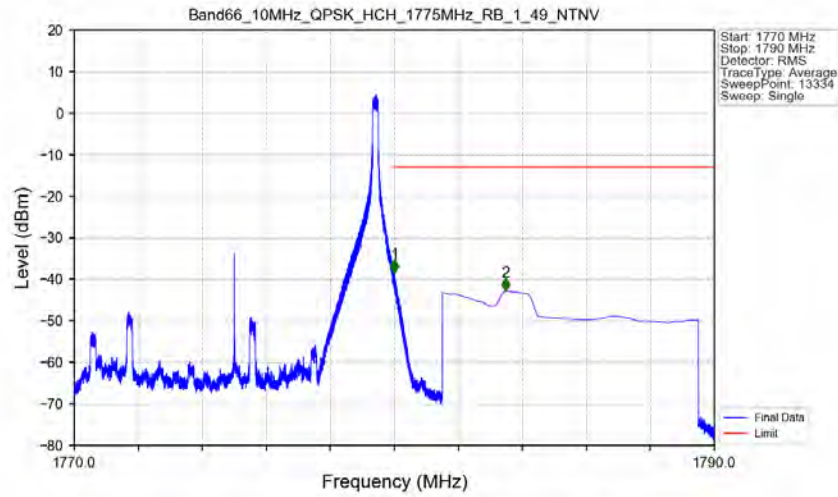
# Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



# Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN

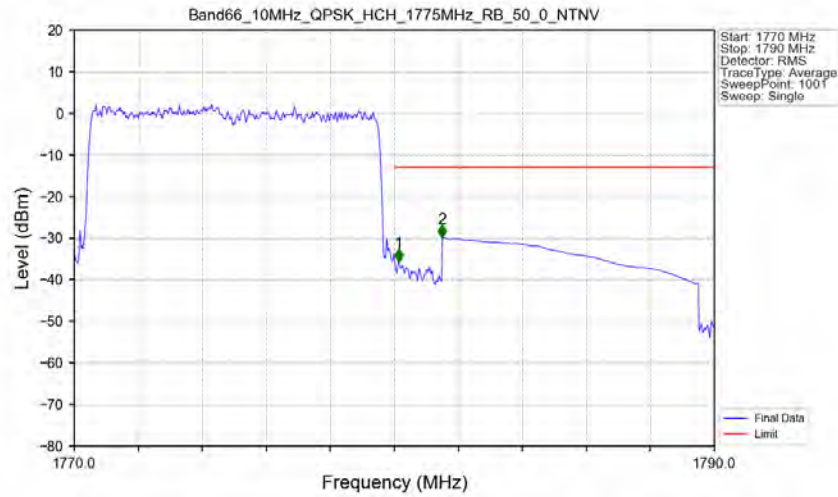


# Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_1\_49\_NTNV



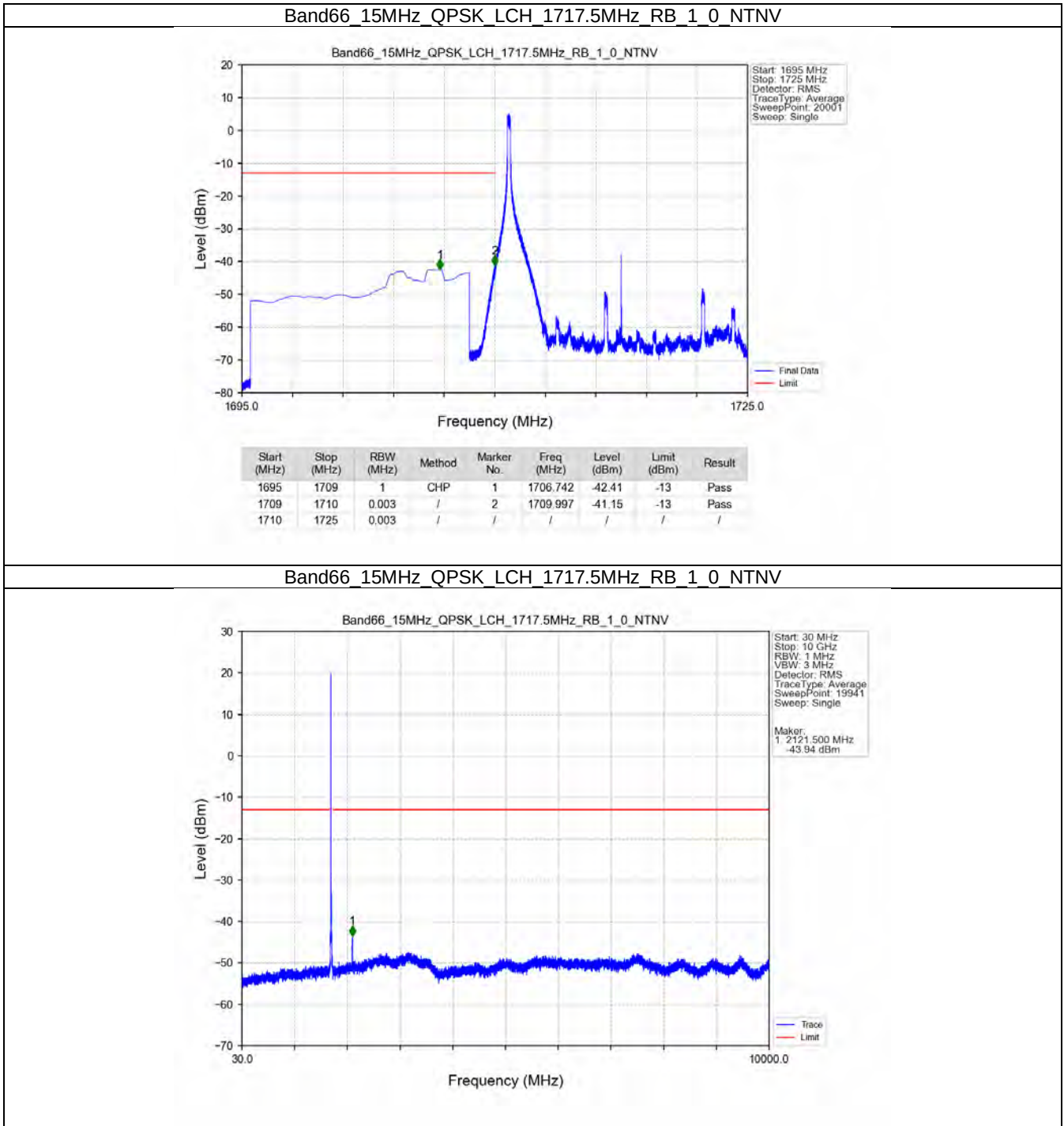
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1770        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.002   | -38.48      | -13         | Pass   |
| 1781        | 1790       | 1         | CHP    | 2          | 1783.481   | -42.87      | -13         | Pass   |

# Band66\_10MHz\_QPSK\_HCH\_1775MHz\_RB\_50\_0\_NTNV

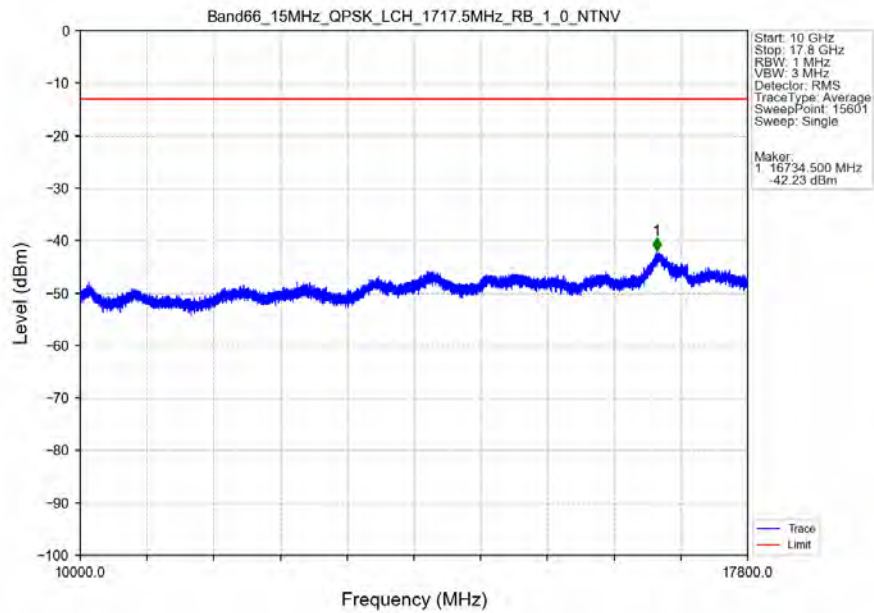


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1770        | 1780       | 0.1       | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.1       | /      | 1          | 1780.140   | -35.72      | -13         | Pass   |
| 1781        | 1790       | 1         | CHP    | 2          | 1781.500   | -29.86      | -13         | Pass   |

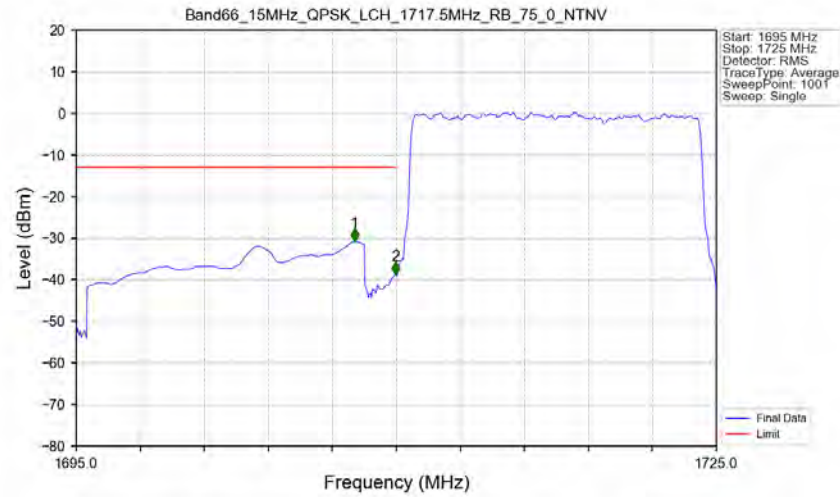
5.2.5 B66\_15MHz



# Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_1\_0\_NTNV

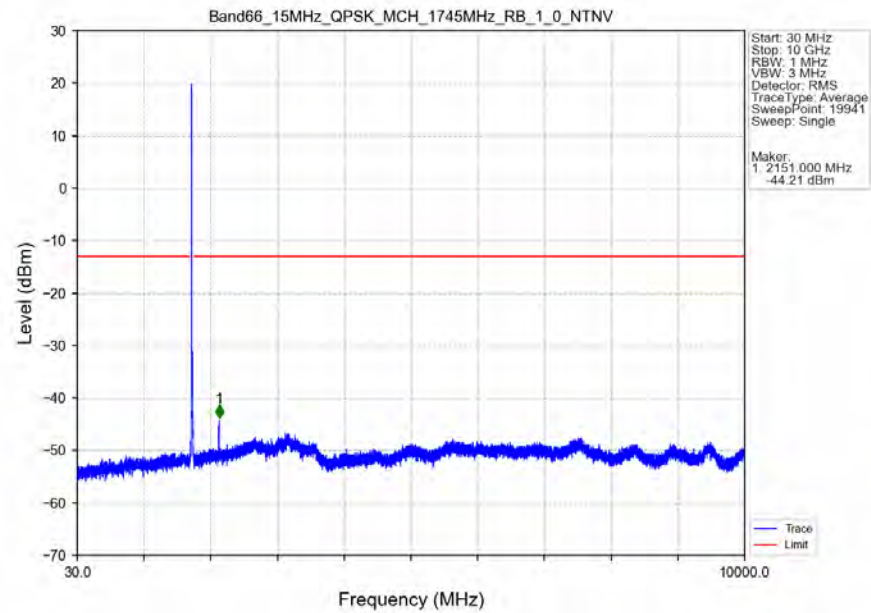


# Band66\_15MHz\_QPSK\_LCH\_1717.5MHz\_RB\_75\_0\_NTNV

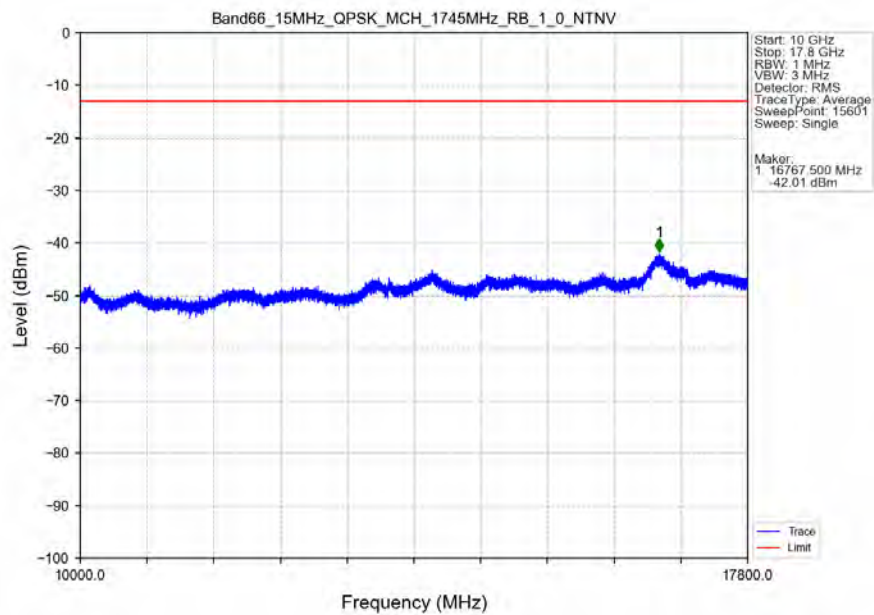


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1695        | 1709       | 1         | CHP    | 1          | 1708.050   | -30.83      | -13         | Pass   |
| 1709        | 1710       | 0.149     | CHP    | 2          | 1709.970   | -38.82      | -13         | Pass   |
| 1710        | 1725       | 0.149     | CHP    | /          | /          | /           | /           | /      |

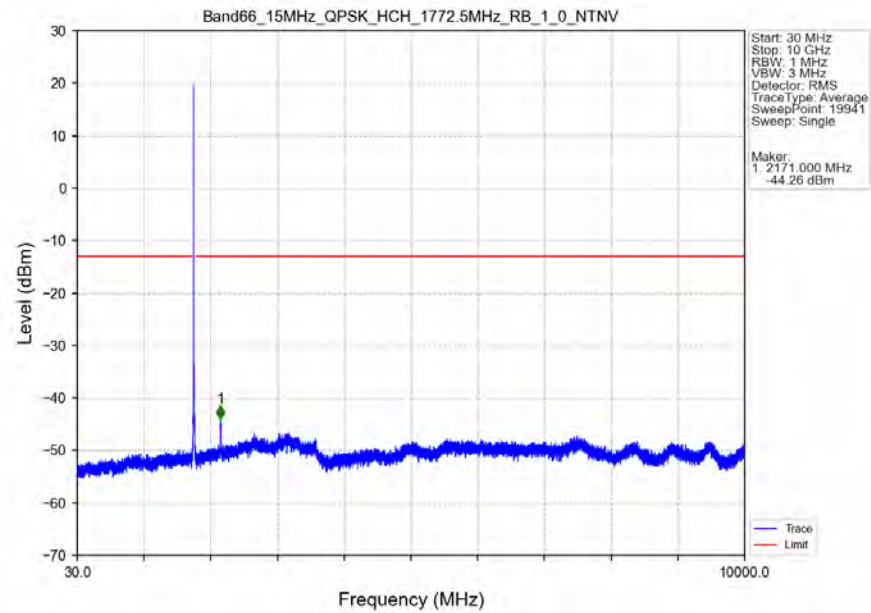
# Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



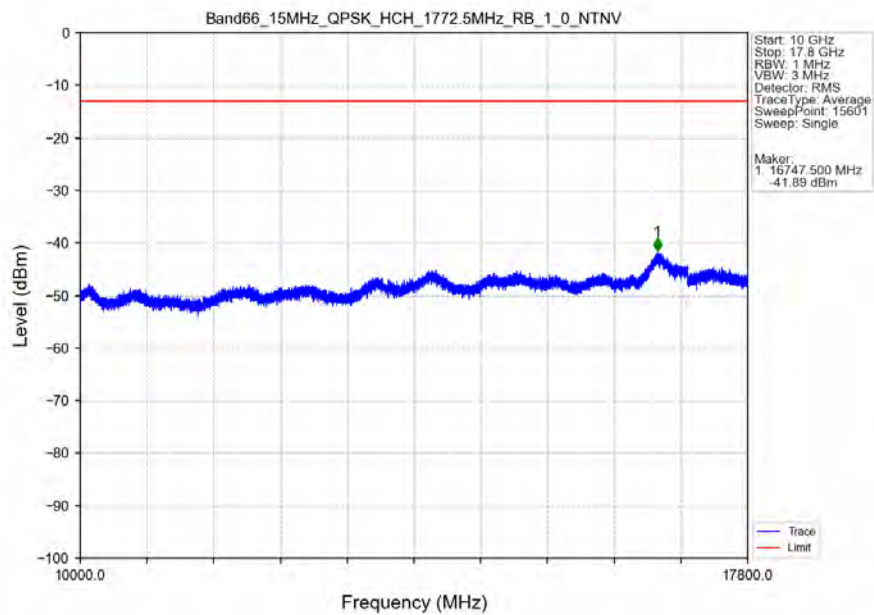
# Band66\_15MHz\_QPSK\_MCH\_1745MHz\_RB\_1\_0\_NTNV



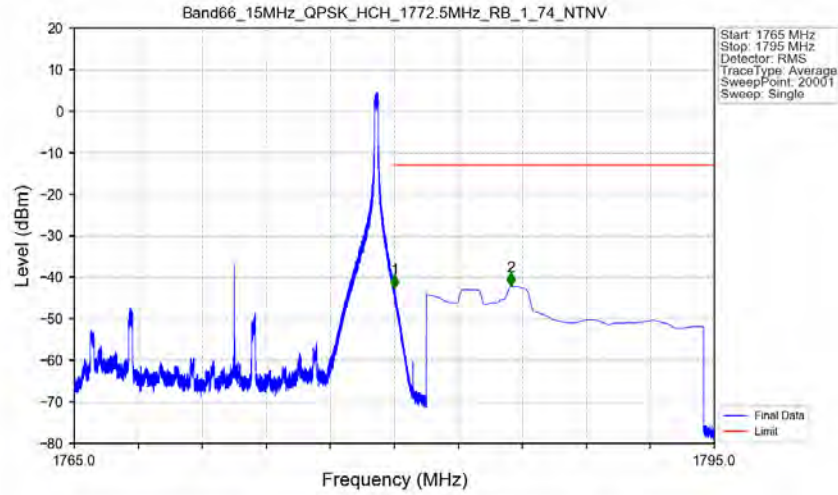
# Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



# Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV

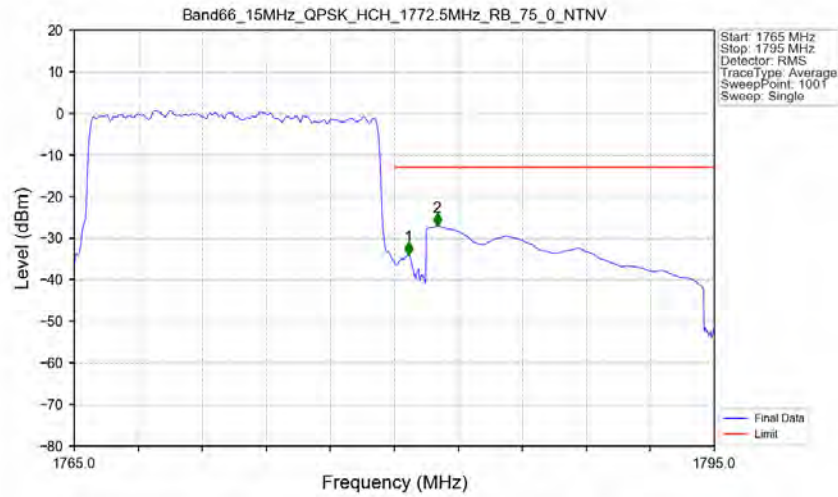


# Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



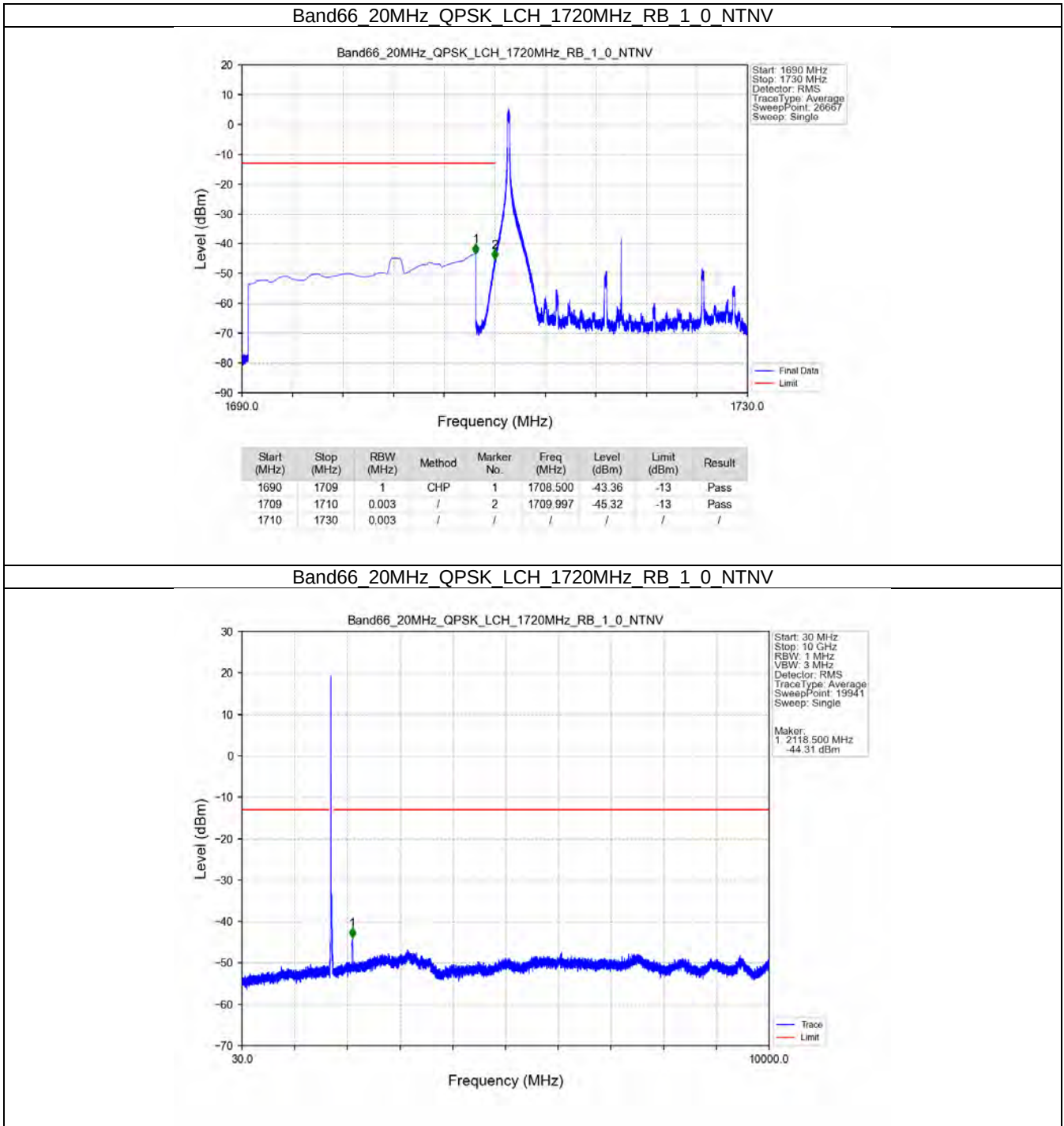
| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1765        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.003   | -42.54      | -13         | Pass   |
| 1781        | 1795       | 1         | CHP    | 2          | 1785.476   | -42.12      | -13         | Pass   |

# Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV

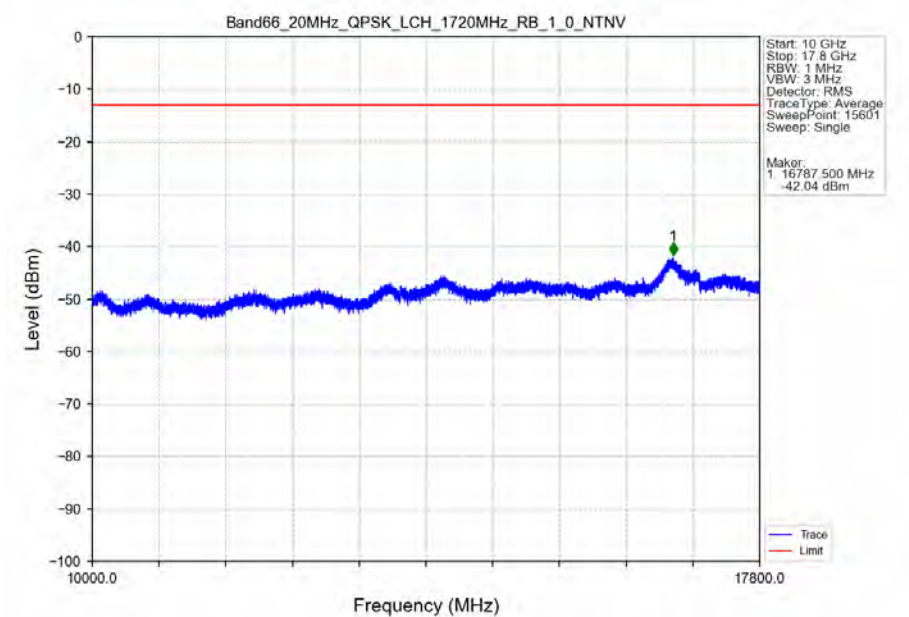


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1765        | 1780       | 0.149     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.149     | CHP    | 1          | 1780.660   | -33.96      | -13         | Pass   |
| 1781        | 1795       | 1         | CHP    | 2          | 1782.010   | -27.15      | -13         | Pass   |

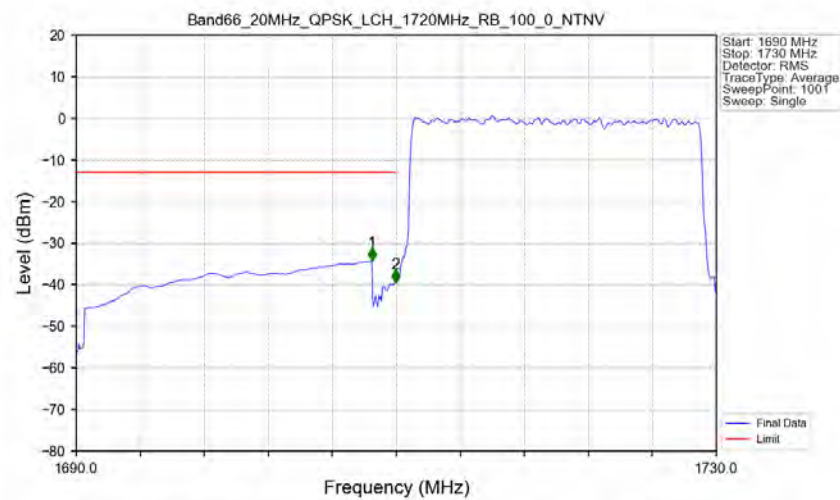
5.2.6 B66\_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

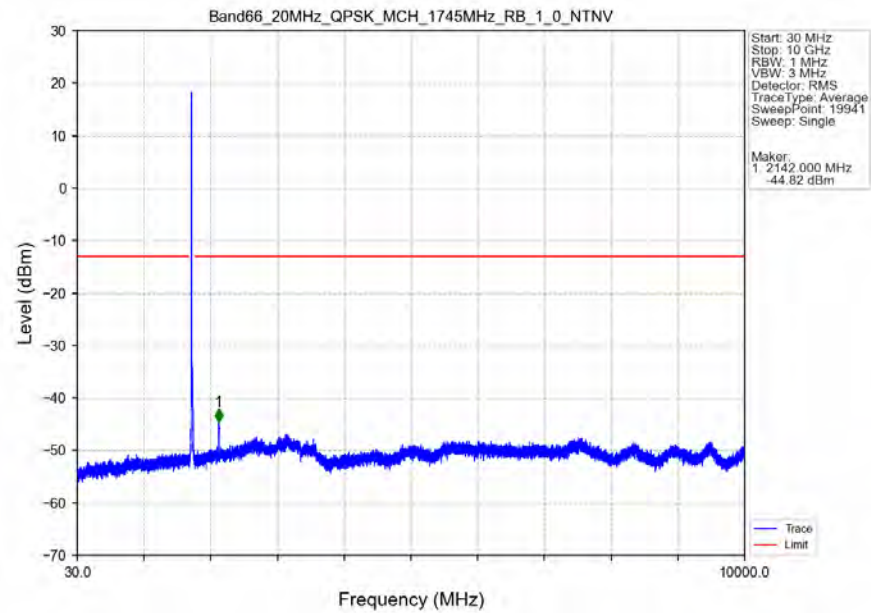


Band66\_20MHz\_QPSK\_LCH\_1720MHz\_RB\_100\_0\_NTNV

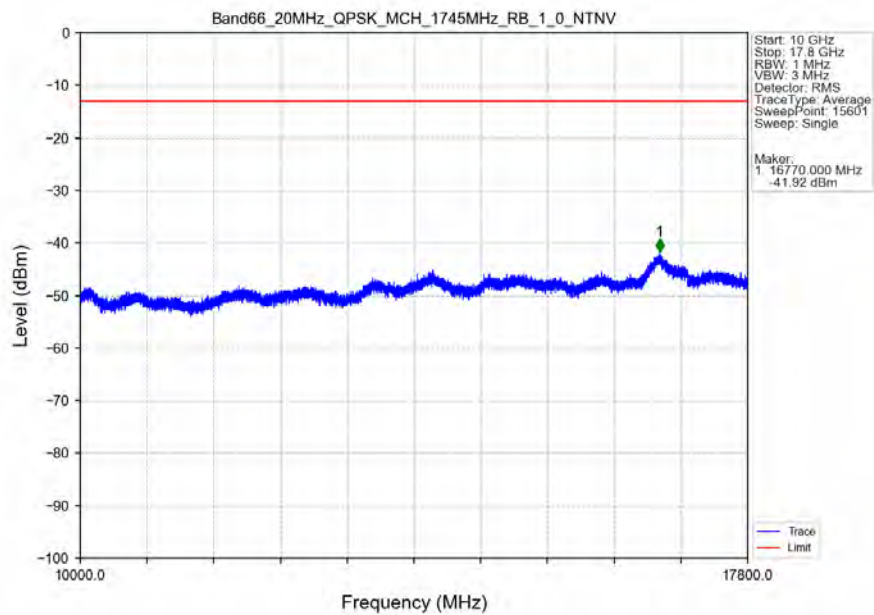


| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1690        | 1709       | 1         | CHP    | 1          | 1708.480   | -34.30      | -13         | Pass   |
| 1709        | 1710       | 0.199     | CHP    | 2          | 1709.960   | -39.56      | -13         | Pass   |
| 1710        | 1730       | 0.199     | CHP    | /          | /          | /           | /           | /      |

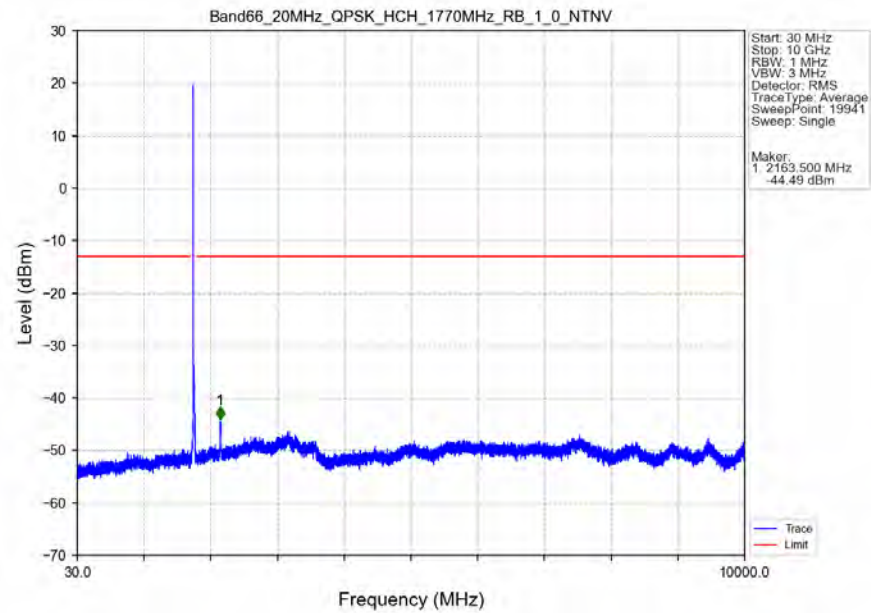
# Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



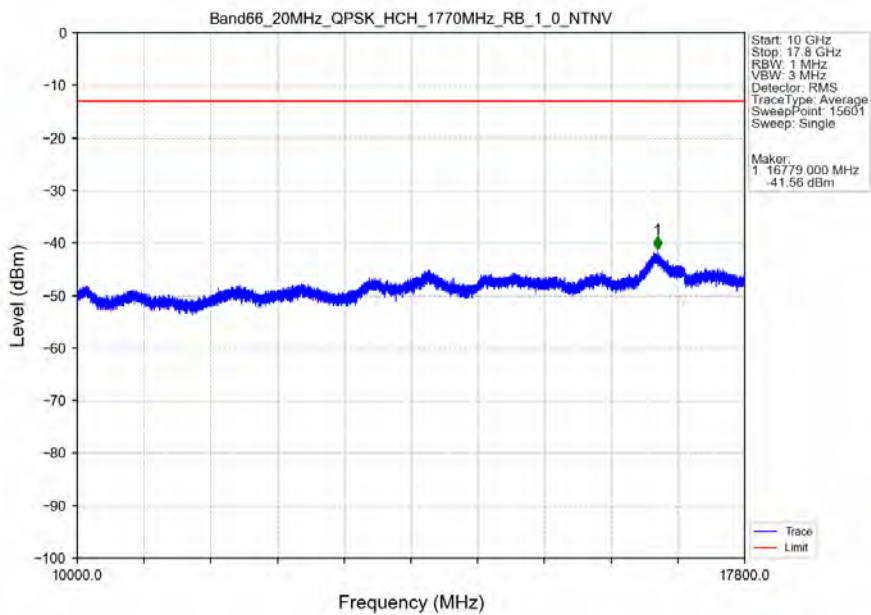
# Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



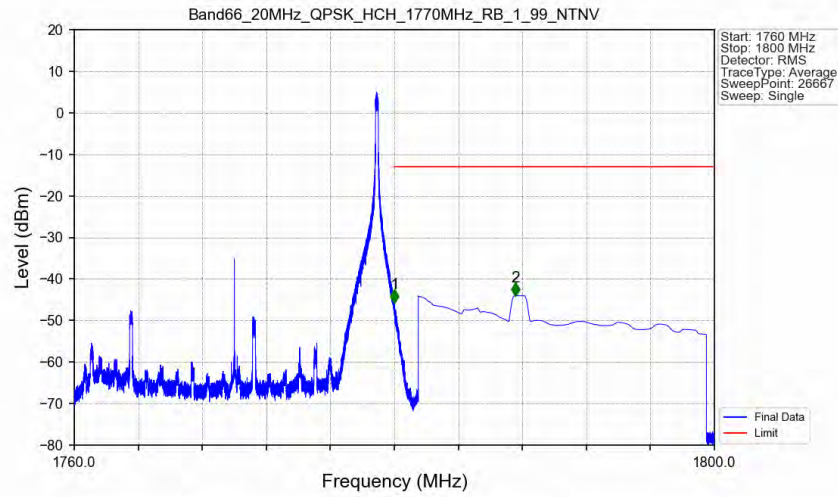
# Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



# Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN

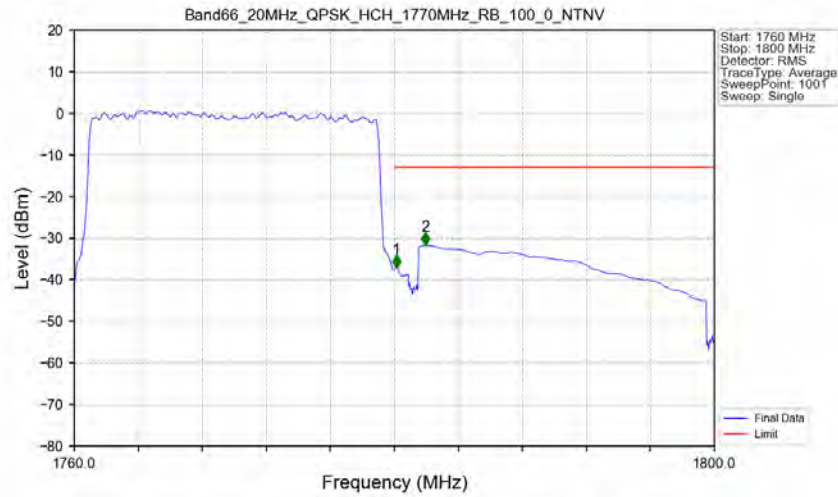


# Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1760        | 1780       | 0.003     | /      | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.003     | /      | 1          | 1780.003   | -45.75      | -13         | Pass   |
| 1781        | 1800       | 1         | CHP    | 2          | 1787.584   | -44.04      | -13         | Pass   |

# Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTNV



| Start (MHz) | Stop (MHz) | RBW (MHz) | Method | Marker No. | Freq (MHz) | Level (dBm) | Limit (dBm) | Result |
|-------------|------------|-----------|--------|------------|------------|-------------|-------------|--------|
| 1760        | 1780       | 0.199     | CHP    | /          | /          | /           | /           | /      |
| 1780        | 1781       | 0.199     | CHP    | 1          | 1780.120   | -37.09      | -13         | Pass   |
| 1781        | 1800       | 1         | CHP    | 2          | 1781.960   | -31.74      | -13         | Pass   |